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Water Resources Data for Florida, Water Year 1976
Volume 4. Northwest Florida

Geological Survey, Tallahassee, Fla Water Resources Div

Sep 77

PB 278 768

Water Resources Data for Florida

Water Year 1976

Volume 4: Northwest Florida

Surface Water
Ground Water
Quality of Water

U.S. DEPARTMENT OF THE INTERIOR
MARCH 3, 1849

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-76-4

Prepared in cooperation with the State of Florida and with other agencies

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INFORMATION SERVICE
U. S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

CALENDAR FOR WATER YEAR 1976

1975

OCTOBER

S	M	T	W	T	F	S
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1976

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AUGUST

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SEPTEMBER

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Water resources data for the 1976 water year in northwest Florida consists of discharge records for 84 streams, elevations for 27 lakes, and daily water level measurements for 110 wells. Water quality data for approximately 220 surface sites and 170 wells are included; as are miscellaneous measurement and crest-stage partial records.

These data represent the National Water Data System records collected by the U.S. Geological Survey and cooperating local, state and federal agencies in Florida.

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for
Florida

Water Year 1976

Volume 4: Northwest Florida

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Ground Water
Quality of Water

U.S. DEPARTMENT OF THE INTERIOR
MARCH 3, 1849

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-76-3

Prepared in cooperation with the State of Florida and with other agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

CECIL D. ANDRUS, Secretary

GEOLOGICAL SURVEY

V. E. McKelvey, Director

Prepared in cooperation with the
State of Florida
and with other agencies as listed
under cooperation

For additional information write to
District Chief, Water Resources Division
U.S. Geological Survey
325 John Knox Road, Suite F-240
Tallahassee, Florida 32303

1977

PREFACE

This report was prepared by the U.S. Geological Survey in cooperation with the State of Florida and with other agencies by personnel of the Florida district of the Water Resources Division under the supervision of C. S. Conover, District Chief, G. W. Leve, Hydrologist-in-charge, Northeast Field Headquarters, J. M. Kimrey, Chief, East Central Florida Subdistrict, and L. B. Laird, Regional Hydrologist, Southeastern Region.

This report is one of a series issued State by State under the general direction of J. S. Cragwall, Jr., Chief Hydrologist, and G. W. Whetstone, Assistant Chief Hydrologist for Scientific Publications and Data Management.

Data for Florida are in four volumes as follows:

Volume 1. Northeast Florida
Volume 2. South Florida
Volume 3. Southwest Florida
Volume 4. Northwest Florida

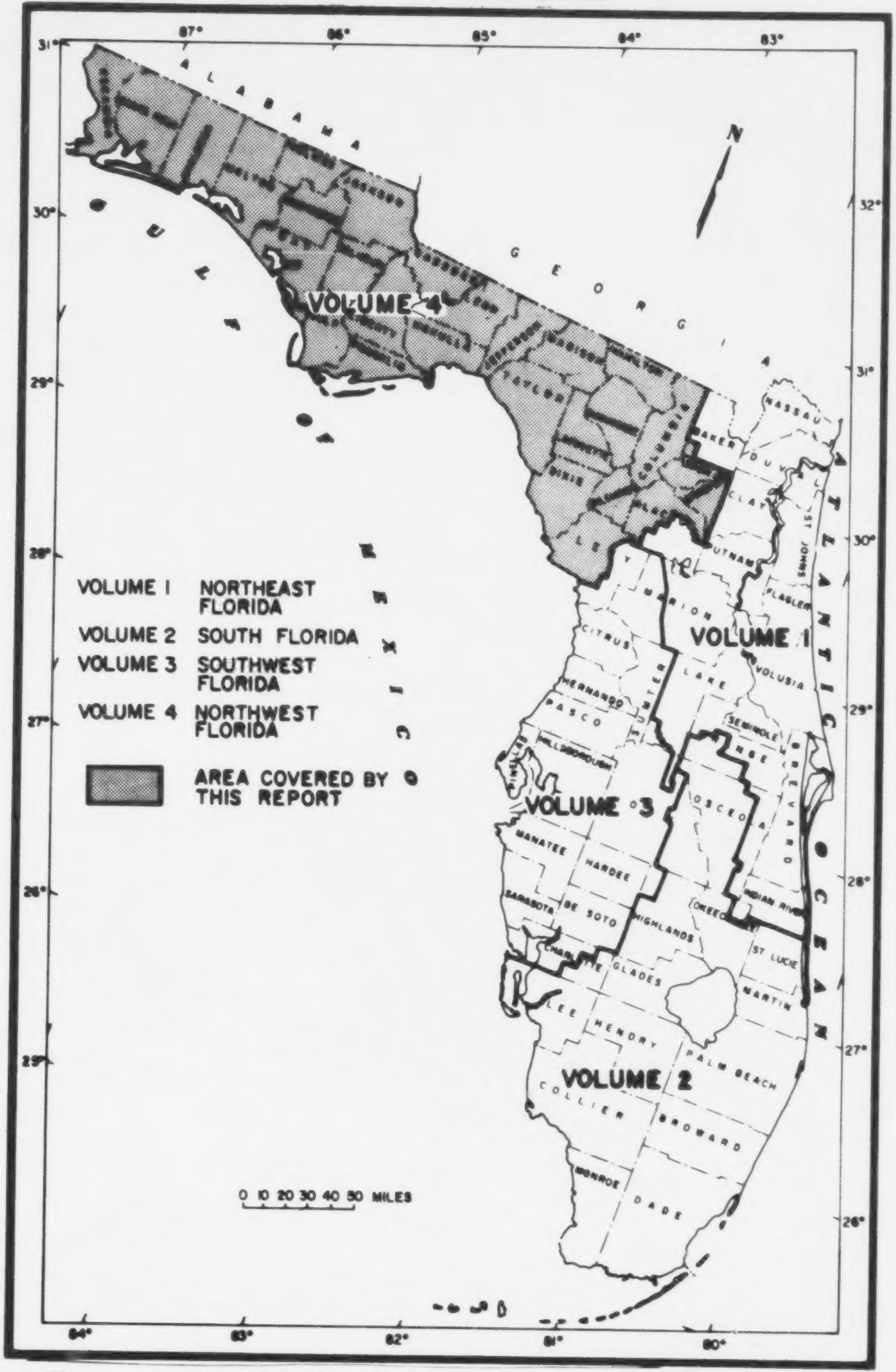
ALABAMA
GEORGIA
GULF OF MEXICO
ATLANTIC OCEAN
N
VOLUME 4
VOLUME 1
VOLUME 3
VOLUME 2
VOLUME 1 NORTHEAST FLORIDA
VOLUME 2 SOUTH FLORIDA
VOLUME 3 SOUTHWEST FLORIDA
VOLUME 4 NORTHWEST FLORIDA
AREA COVERED BY THIS REPORT
NASSAU
BAKER
DUVAL
CLAY
ST JOHNS
PUTNAM
FLAGLER
MARION
LEVY
CITRUS
LAKE
VOLUSIA
SUMTER
HERNANDO
PASCO
SEMINOLE
HILLSBOROUGH
PINELLAS
OSCEOLA
BREVARD
POLK
MANATEE
HARDEE
INDIAN RIVER
SARASOTA
DE SOTO
HIGHLANDS
OKEECHOBEE
ST LUCIE
CHARLOTTE
GLADES
MARTIN
LEE
HENDRY
PALM BEACH
COLLIER
BROWARD
MONROE
DADE
0 10 20 30 40 50 MILES
87°
86°
85°
84°
83°
82°
81°
80°
31°
30°
29°
28°
27°
26°
25°
32°

Figure 1. Geographic area covered by this report.

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WATER RESOURCES DATA FOR FLORIDA, 1976
Volume 4: Northwest Florida

CONTENTS

List of Gaging Stations.......... XI
Introduction.......... 1
Cooperation.......... 1
Acknowledgment.......... 1
Definition of Terms.......... 2
Special Networks.......... 5
Station Identification.......... 6
  Downstream Order and Station Number.......... 6
  Numbering System for Wells and Miscellaneous Sites.......... 6
Explanation of Stage and Water-discharge Records.......... 6
  Collection and Computation of Data.......... 6
  Accuracy of Field Data and Computed Results.......... 8
  Other Data Available.......... 9
Explanation of Water-Quality Records.......... 9
  Collection and Examination of Data.......... 9
  Water Analysis.......... 9
  Water Temperature.......... 9
  Sediment.......... 10
  Mineral Constituents in Solution.......... 10
Explanation of Ground-Water Level Records.......... 16
  Collection of the Data.......... 16
Hydrologic Conditions.......... 16
Selected References.......... 17
Stage and Discharge of Streams.......... 19
  Gaging-station Records.......... 21
  Discharge at Partial-record Stations and Miscellaneous Sites... 127
    Annual Maximum Flood-Profile Data.......... 127
    Measurements at Miscellaneous Sites.......... 132
Lake Elevations.......... 137
Surface Water Quality Records.......... 175
  Daily Measurements and Other Parameters at Daily Measurement Sites.......... 175
  Field Measurements.......... 203
  Major Constituents.......... 229
  Nutrients and Related Constituents.......... 267
  Trace Metals.......... 287
  Pesticides in Water.......... 301
  Pesticides in Bottom Sediments.......... 307
  Radiochemical Data.......... 311
  Bacteriological, Sediment and Miscellaneous Data.......... 313

Contents--Continued

Well Descriptions and Water Level Measurements--Continued

Alachua County.. 341
Baker County.. 344
Bay County.. 345
Bradford County... 347
Columbia County... 348
Dixie County.. 350
Escambia County... 351
Franklin County... 359
Gadsden County.. 360
Gilchrist County.. 366
Gulf County... 368
Hamilton County... 369
Holmes County... 371
Jackson County.. 372
Lafayette County.. 373
Leon County... 376
Levy County... 383
Liberty County.. 392
Madison County.. 394
Okaloosa County... 396
Santa Rosa County....................................... 403
Suwannee County... 406
Taylor County... 408
Union County.. 411
Wakulla County.. 413
Walton County... 415
Washington County....................................... 422
Miscellaneous Water Level Measurements.................... 425
Ground Water Quality Records.............................. 435
Major Constituents...................................... 435
Nutrients and Related Constituents...................... 479
Trace Metals.. 495
Pesticides in Water..................................... 505
Bacteriological and Miscellaneous Data.................. 515

Indices

Introductory Text....................................... 519
Surface Water Sites..................................... 521

ILLUSTRATIONS

Page

Figure 1. Geographic area covered by this report.................. III

Figure 2. System for numbering wells and miscellaneous sites (latitude and longitude)...................................... 6

Figure 3. Location of stream gaging stations in the St. Marys River basin and the coastal area between the St. Marys and St. Johns Rivers.. 20

Figure 4. Location of stream gaging stations in the Waccasassa and Suwannee River basins and the coastal area between the Withlacoochee and Suwannee Rivers 22

Figure 5. Location of stream gaging stations in the coastal area between the Suwannee and Aucilla Rivers, and the Aucilla River basin.. 58

Figure 6. Location of stream gaging stations in the coastal area between the Aucilla and Ochlockonee Rivers, and in the St. Marks, Wakulla, and Ochlockonee River basins................. 65

Figure 7. Location of stream gaging stations in the Waccasassa and Suwannee River basins and the coastal area between the Withlacoochee and Suwannee Rivers........................... 88

Figure 8. Location of stream gaging stations in the Pea River basin, Choctawhatchee River below Pea River, and inflow to and coastal areas for St. Andrews and Choctawhatchee Bays.... 95

Figure 9. Location of stream gaging stations in the Yellow, Blackwater, lower Conecuh, Escambia and Perdido River basins; and inflow to and coastal area for Escambia and Perdido Bays.. 111

Figure 10. Location of lake gaging stations in the St. Marys basin and the coastal area between the St. Marys and St. Johns Rivers.. 138

Figure 11. Location of lake gaging stations in the Waccasassa and Suwannee River basins and the coastal area between the Withlacoochee and Suwannee Rivers....................... 140

Figure 12. Location of lake gaging stations in the coastal area between the Suwannee and Aucilla Rivers, and the Aucilla River basin... 156

Illustrations--Continued

Figure 13. Location of lake Gaging stations in the coastal area between the Aucilla and Ochlockonee Rivers, and in the St. Marks, Wakulla, and Ochlockonee River basins............. 159

Figure 14. Location of lake gaging stations in the lower Chattachoochee and Apalachicola River basins including the Chipola River basin, coastal areas and offshore islands...... 164

Figure 15. Location of lake gaging stations in the Pea River basin, Choctawhatchee River below Pea River, and inflow to and coastal areas for St. Andrews and Choctawhatchee Bays.... 168

Figure 16. Location of lake gaging stations in the Yellow, Blackwater, lower Conecuh, Escambia and Perdido River basins; and inflow to and coastal area for Escambia and Perdido Bays.. 173

Figure 17. Location of water quality sampling sites in the Suwannee River basin...................................... 176

Figure 18. Location of water quality sampling sites in the coastal area between the Aucilla and Ochlockonee Rivers, and in the St. Marks, Wakulla, and Ochlockonee River basins...... 188

Figure 19. Location of water quality sampling sites in the Pea River basin, Choctawhatchee River below Pea River, and inflow to and coastal areas for St. Andrews and Choctawhatchee Bays... 194

Figure 20. Location of wells in the St. Marys River basin and the coastal area between the St. Marys and St. Johns Rivers...... 325

Figure 21. Location of wells in the Waccasassa and Suwannee River basins and the coastal area between the Withlacoochee and Suwannee Rivers.. 327

Figure 22. Location of wells in the coastal area between the Suwannee and Aucilla Rivers, and the Aucilla River basin..... 329

Figure 23. Location of wells in the coastal area between the Aucilla and Ochlockonee Rivers, and in the St. Marks, Wakulla, and Ochlockonee River basins........................ 331

Figure 24. Location of wells in the lower Chattachoochee and Apalachicola River basins including the Chipola River basin, coastal areas and offshore islands................... 333

Illustrations--Continued

Figure 25. Location of wells in the Pea River basin, Choctawhatchee River below Pea River, and inflow to and coastal areas for St. Andrews and Choctawatchee Bays.......................... 335

Figure 26. Location of wells in the Yellow, Blackwater, lower Conecuh, Escambia and Perdido River basins; and inflow to and coastal areas for Escambia and Perdido Bays.............. 337

Figure 27. Location of wells in the Oklawaha River Basin.......... 339

TABLES

Table 1. Significance of dissolved mineral constituents and properties of water.. 10

STREAM AND LAKE GAGING STATIONS IN DOWNSTREAM ORDER FOR WHICH DATA ARE INCLUDED IN THIS REPORT

The following list shows the surface water sites where streamflow, stage, lake elevation, or daily water quality data are collected. See the index for a listing for surface water sites where samples are collected for chemical analyses and the table of contents for information on data collected at ground water sites.

03070204 ST. MARYS RIVER BASIN

Page
St. Marys River:
    Ocean Pond at Olustee, Fla. 139
  Middle Prong St. Marys River at Taylor, Fla. 21

03110101 WACCASASSA RIVER AND COASTAL AREA BETWEEN WITHLACOOCHEE AND SUWANNEE RIVERS

Waccasassa River:
  Little Waccasassa River near Bronson, Fla. 23
    Blue Spring near Bronson, Fla. 23
Waccassa River:
  Chunky Pond near Bronson, Fla. 141
  Wekiva Springs near Gulf Hammock, Fla. 24
Waccassa River near Gulf Hammock, Fla. 25
  Cow Creek:
    Tenmile Creek at Lebanon Station, Fla. 28

03110201 SUWANNEE RIVER BASIN ABOVE WITHLACOOCHEE RIVER EXCLUDING ALAPAHA RIVER BASIN

Suwannee River:
  Rocky Creek near Belmont, Fla. 29
Suwannee River near Benton, Fla. 30
  Hunter Creek near Belmont, Fla. 32
  Deep Creek near Suwannee Valley, Fla. 33
  Robinson Creek near Suwannee Valley, Fla. 34
Suwannee River at White Springs, Fla. 36
  Swift Creek at Facil, Fla. 38
Suwannee River at Suwannee Springs, Fla. 39

03110202 ALAPAHA RIVER BASIN

03110203 WITHLACOOCHEE RIVER BASIN

Withlacoochee River near Pinetta, Fla. 41, 177
    Cherry Lake near Cherry Lake, Fla. 142
Lake Octahatchee near Jennings, Fla. 143

03110205 SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

Suwannee River at Ellaville, Fla. 43
    Townsend Pond near Mayo, Fla. 145
Suwannee River at Branford, Fla. 45, 180
    Low Lake near Wellborn, Fla. 147

STREAM AND LAKE GAGING STATIONS IN DOWNSTREAM ORDER FOR WHICH DATA ARE INCLUDED IN THIS REPORT

03110206 SANTA FE RIVER BASIN

Page

Santa Fe Lake near Keystone Heights, Fla.................................. 148
  Lake Altho at Waldo, Fla.. 149
Santa Fe River near Graham, Fla... 47
  Lake Sampson near Starke, Fla... 150
  Sampson River at Sampson City, Fla.. 48
  Sampson River near Graham, Fla.. 48
Santa Fe River:
  New River near Raiford, Fla... 49
    Lake Butler at Lake Butler, Fla... 151
Santa Fe River at Worthington Springs, Fla..............................50, 185
  Olustee Creek near Lulu, Fla.. 51
Santa Fe River near High Springs, Fla....................................... 51
    Turkey Creek near Hague, Fla.. 52
      Turkey Creek tributary at Hague, Fla.................................. 52
Santa Fe River near Fort White, Fla... 53
  Cow Creek near Fort White, Fla.. 54
      Waters Lake near Trenton, Fla... 152
Santa Fe River:
  Ichetucknee River:
        Alligator Lake at Lake City, Fla.................................... 153
      Rose Creek near Columbia, Fla... 54
  Ichetucknee Springs near Hildreth, Fla. 55

03110205 SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

Suwannee River:
    Governor Hill Lake near Old Town, Fla................................... 154
Suwannee River near Wilcox, Fla... 56

03110102 COASTAL AREA BETWEEN SUWANNEE AND AUCILLA RIVERS

Steinhatchee River near Cross City, Fla..................................... 59
Fenholloway River near Foley, Fla... 60
Fenholloway River at Foley, Fla... 61
Econfina River near Perry, Fla.. 62
    Sampala Lake near Greenville, Fla....................................... 157
    Andrews Lake at Shady Grove, Fla.. 158

03110103 AUCILLA RIVER BASIN

Aucilla River at Lamont, Fla.. 63
  Wacissa River near Wacissa, Fla... 64

03120001 ST. MARKS AND WAKULLA RIVERS AND COASTAL AREA BETWEEN AUCILLA AND OCHLOCKONEE RIVERS

St. Marks River:
    Lake Miccosukee (head of Copeland Sink, closed basin) near
                      Miccosukee, Fla....................................... 160

STREAM AND LAKE GAGING STATIONS IN DOWNSTREAM ORDER FOR WHICH DATA ARE INCLUDED IN THIS REPORT

St. Marks and Wakulla Rivers and Coastal Area Between Aucilla and Ochlockonee Rivers--Continued — Page
St. Marks River--Continued

- St. Marks River near Newport, Fla....... 66
  - Wakulla Spring (head of Wakulla River) near Crawfordville, Fla....... 67
    - McBrides Slough:
      - Lake Bradford near Tallahassee, Fla....... 160

03120003 OCHLOCKONEE RIVER BASIN (includes Ochlockonee Bay)

- Ochlockonee River:
  - Sopchoppy River near Sopchoppy, Fla.......68, 189
- Ochlockonee River near Havana, Fla....... 70
    - Lake Jackson:
      - Ox Bottom Creek near Tallahassee, Fla....... 72
      - Megginnis Arm Tributary above U.S. Highway I-10, at Tallahassee, Fla....... 73
      - Megginnis Arm Tributary below U.S. Highway I-10, at Tallahassee, Fla....... 74
    - Lake Jackson near Tallahassee, Fla....... 161
  - Little River:
    - Attapulgus Creek at Jamison, Fla....... 75
    - Willacoochee Creek near Quincy, Fla....... 75
  - Little River near Quincy, Fla....... 76
    - Quincy Creek at S-267 at Quincy, Fla....... 77
      - Holman Branch near Quincy, Fla....... 78
    - Quincy Creek at Quincy, Fla....... 79
      - Tanyard Branch near Quincy, Fla....... 80
      - Hubbert Branch near Quincy, Fla....... 80
    - Hurricane Creek near Havana, Fla....... 81
  - Rocky Comfort Creek near Quincy, Fla....... 82
  - Ocklawaha Creek near Wetumpka, Fla....... 83
- Lake Talquin near Bloxham, Fla....... 162
- Ochlockonee River near Bloxham, Fla....... 84
  - Telogia Creek near Greensboro, Fla....... 85
  - Telogia Creek near Bristol, Fla....... 86

03130013 COASTAL AREA BETWEEN OCHLOCKONEE AND APALACHICOLA RIVERS

- Carrabelle River:
  - New River near Wilma, Fla....... 87

03130004 LOWER CHATTAHOOCHEE

- Lake Seminole at Chattachoochee, Fla....... 165

03130011 APALACHICOLA RIVER

- Apalachicola River at Chattahoochee, Fla....... 89
  - Flat Creek near Chattahoochee, Fla....... 91
- Apalachicola River near Blountstown, Fla....... 92

STREAM AND LAKE GAGING STATIONS IN DOWNSTREAM ORDER FOR WHICH DATA ARE INCLUDED IN THIS REPORT

03130012 CHIPOLA RIVER BASIN

Page

- Chipola River near Altha, Fla. 94
- Dead Lake near Wewahitchka, Fla. 167

03130014 APALACHICOLA BAY COASTAL AREA AND OFFSHORE ISLANDS

03140101 ST. ANDREW BAY, INFLOW AND COASTAL AREA

- Econfina Creek near Fountain, Fla. 96
- Econfina Creek near Bennett, Fla. 97
  - White Oak Creek (closed basin):
    - Porter Lake near Greenhead, Fla. 169
  - Clark's Hole (Hamlin Pond) near Greenhead, Fla. 170
  - Wages Pond near Greenhead, Fla. 170
  - Gully Lake near Greenhead, Fla. 171
- Deer Point Lake near Panama City, Fla. 172

03140202 PEA RIVER

03140203 CHOCTAWHATCHEE RIVER BELOW PEA RIVER

- Choctawatchee River:
  - Wrights Creek near Caryville, Fla. 98
    - Hathaway Mill Creek near Caryville, Fla. 100
- Choctawhatchee River at Caryville, Fla. 102
  - Holmes Creek at Vernon, Fla. 104
- Choctawhatchee River near Bruce, Fla. 105, 195
  - East River:
    - Pine Log Creek near Ebro, Fla. 107

03140102 CHOCTAWHATCHEE BAY, INFLOW AND INFLOW AREA

- Lafayette Creek:
  - Magnolia Creek near Freeport, Fla. 108
- Alaqua Creek near DeFuniak Springs, Fla. 109
- Rocky Creek:
  - Juniper Creek at State Highway 85 near Niceville, Fla. 110

03140103 YELLOW RIVER BASIN

- Yellow River:
  - Shoal River:
    - Lake Jackson near Paxton, Fla. 174
- Yellow River at Milligan, Fla. 112
  - Baggett Creek near Milligan, Fla. 114
  - Shoal River near Mossy Head, Fla. 115
  - Shoal River near Crestview, Fla. 116

03140104 BLACKWATER RIVER BASIN

- Blackwater River near Baker, Fla. 117
  - Big Coldwater Creek near Milton, Fla. 118
  - Pond Creek near Milton, Fla. 119

STREAM AND LAKE GAGING STATIONS IN DOWNSTREAM ORDER FOR WHICH DATA ARE INCLUDED IN THIS REPORT

03140105 ESCAMBIA BAY INFLOW AND COASTAL AREA ... Page
Pensacola Bay:
    Carpenter Creek at Pensacola, Fla ... 123
03140304 LOWER CONECUH RIVER
03140305 ESCAMBIA RIVER
Escambia River near Century, Fla ... 120
  Pine Barren Creek near Barth, Fla ... 122
03140106 PERDIDO RIVER BASIN
Perdido River:
  Brushy Creek near Walnut Hill, Fla ... 124
Perdido River at Barrineau Park, Fla ... 125
  Churchhouse Branch near Barrineau Park, Fla ... 126
03140107 PERDIDO BAY, INFLOW AND COASTAL AREA

INTRODUCTION

Water resources data for the 1976 water year for northwest Florida consist of records of stage, discharge, and water quality of streams; elevation and water quality of lakes and reservoirs; water-levels and water quality of wells; and discharge and water quality of springs. Additional water data were collected at various sites, not part of the systematic data collection program, and are published as miscellaneous measurements. These data represent that part of the National Water Data System operated by the U. S. Geological Survey and cooperating state and federal agencies in Florida.

Records of discharge (or stage) of streams, and contents (or elevation) of lakes and reservoirs were first published in a series of U. S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through water year 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled, "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from U. S. Geological Survey, 1200 South Eads, Alexandria, Va. 22202.

Beginning with the 1961 water year and continuing through water year 1974, streamflow data have been released by the Geological Survey in annual reports on a state-boundary basis. Water-quality data beginning with the 1964 water year, and ground-water data beginning with the 1971 water year have been similarly released, either in separate reports or in conjunction with streamflow records. These reports provided rapid release of preliminary water data shortly after the end of the water year. The final data were then released in the water-supply paper series mentioned above. Beginning with the 1975 water year, water data were released on a state-boundary basis in final form and it will not be republished in the water-supply paper series. The 1975 and subsequent water year reports are in a series which carry an identification number consisting of the two-letter state abbreviation, the last two digits of the water year, and the volume number. For example, this report is identified as "U.S. Geological Survey Water-Data Report FL-76-4." These reports are for sale to the public for a nominal fee from the National Technical Information Service, U. S. Department of Commerce, Springfield, Va., 22161.

COOPERATION

The systematic collection of water resources data in the State of Florida by the U.S. Geological Survey began in 1930 and has been continued in cooperation with state, federal, and local agencies. The data for this report were collected as part of a cooperative program with the following agencies:

Florida Department of Environmental Regulation
Florida Department of Transportation
Northwest Florida Water Management District
Suwannee River Authority
Suwannee River Water Management District
County of Escambia
County of Gadsden
County of Walton
City of Pensacola
City of Perry
City of Tallahassee
Corps of Engineers, U.S. Army, Mobile
Environmental Protection Agency

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East Central Florida Subdistrict Office

R. E. Harkness, Chief, Hydrologic Records

L. L. Batts
R. A. Bird
A. L. Bonnet
L. A. Bradner
C. J. Cash
R. S. Charnley
W. R. Hopkins
D. M. Hughes
H. G. George
D. L. Marshall
S. C. Ockosz
R. A. Orr
P. W. Potter
E. P. Simonds
A. Summerlin
C. P. Laughlin

North Florida Subdistrict Office

Roger P. Rumenik, Chief, Hydrologic Records

A. F. Class
J. E. Coffin
L. Cohen
J. D. Goin
I. M. Hart
R. R. Herring
G. T. Losey
B. L. McKamey
J. McClellan
J. B. Martin
P. E. Meadows
R. S. Milner
L. J. Slack
J. E. Sohm
F. E. Supianoski
J. R. Wagner

DEFINITION OF TERMS

Terms related to streamflow, water quality, and other hydrologic data, as used in this report, are defined below. See also the table for converting English units to the International System of units (SI) on the inside of the back cover.

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons.

Algae are mostly aquatic single-celled, colonial, or multi-celled plants, containing chlorophyll and lacking roots, stems, and leaves.

Bacteria are microscopic unicellular organisms, typically spherical, rod-like, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, non-spore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as all the organisms which produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35°C ± 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all organisms which produce blue colonies within 24 hours when incubated at 44.5°C ± 0.2°C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria are bacteria found also in the intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies within 48 hours at 35°C ± 1.0°C on M-enterococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by microorganisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as the weight per unit area or volume of habitat.

Ash weight is the weight or amount of residue present after the residue from the dry weight determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash weight values of zooplankton and phytoplankton are expressed in g/m^3 (grams per cubic meter), and periphyton and benthic organisms in g/m^2 (grams per square meter).

Dry weight refers to the weight of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, until the weight remains unchanged. This weight represents the total organic matter, ash and sediment, in the sample. Dry weight values are expressed in the same units as ash weight.

Organic weight or volatile weight of the living substance is the difference between the dry weight and the ash weight, and represents the actual weight of the living matter. The organic weight is expressed in the same units as for ash and dry weights.

Wet weight is the weight of living matter plus contained water.

Cfs-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.9835 acre-feet, or approximately 646,000 gallons, and represents a runoff of approximately 0.0372 inch from 1 square mile.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water, and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural-water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments of plants. Chlorophyll a and b are the two most common green pigments in plants.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of salt water.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Cubic foot per second (cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second or 448.8 gallons per minute.

Detergents (methylene blue active substance, MBAS).Anionic surfactants in detergents resist chemical oxidation and biological breakdown. Soap is an example of this class and the synthetic members are sodium salts of organic sulfonates or sulfates (Rose, 1966). Their persistence in water over long periods of time contributes to pollution of both ground water and surface water. Some of the effects produced from detergent pollution are unpleasant taste, odor, and foaming (Wayman, and others, 1962). Although the physiological implications of MBAS to human beings is unknown, prolonged ingestion of this material by rats is believed to be nontoxic (Paynter, 1960). The U.S. Public Health Service (1962) recommends that MBAS should not exceed 0.5 mg/L in drinking and culinary waters. ISD-W (1971) sets 0.2 mg/L as the highest desirable level and 1.0 mg/L as the maximum permissible level.

Discharge, is the volume of water (or more broadly, total fluids), that passes a given point within a given period of time.

Daily mean discharge is the mean discharge for one day.

Mean daily discharge is the arithmetic mean discharge for the mean discharges during a specific period.

Mean discharge is the arithmetic mean of individual daily mean discharges during a specific period.

Instantaneous discharge is the discharge at a particular instant of time.

Dissolved refers to the amount of a substance present in true chemical solution. In practice, however, the term includes all forms of the substance that will pass through a 0.45-micrometer membrane filter, and thus may include some very small (colloidal) suspended particles. Analyses are performed on filtered samples.

Drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

Gage height is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height of discharge are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Micrograms per liter (ug/L) is a unit expressing the concentration of chemical constituents in solution as weight (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

Milligrams per liter (mg/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represents the weight of solute per unit volume of water. Concentration of suspended sediment can also be exposed in mg/L based on the mass of sediment per liter of sample.

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

Cells/volume refers to the number of cells of any organism which is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meters (m^2), acres, or hectares. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

Partial-record station is a particular site where limited streamflow data are collected systematically over a period of years for use in hydrologic analyses.

Periphyton is the assemblage of microorganisms attached to and growing upon solid surfaces. While primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms. Periphyton is a useful indicator of water quality.

Pesticides are chemical compounds used to control the growth of undesirable plants and animals. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides. Since the first application of DDT as an insecticide in the early 1930's, there have been almost 60,000 pesticide formulations registered, each containing at least one of the approximately 800 different basic pesticide compounds (Goerlitz and Brown, 1972, p. 24). The United States annually produces about one billion pounds of these compounds. Although efforts are being made to substitute many of the chlorinated hydrocarbon pesticides with more specific, fast acting, and easily degradable compounds, chlorinated hydrocarbon pesticides are still commonly used in many areas of the country.

A picocurie (pCi) is one millionth of the amount of radioactivity represented by a microcurie, which is the quantity of radiation represented by one millionth of a gram of radium-226. A picocurie of radium results in 2.22 disintegrations per minute.

Phytoplankton is the plant part of the plankton. They are usually microscopic and their movement in subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are primary food producers in the aquatic environment, and are commonly known as algae.

Blue-green algae are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells per 100 ml of sample.

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algae mats or floating "moss" in lakes. Their concentrations are expressed as number of cells per 100 mL of sample.

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers.

Radioisotopes are isotope forms of an element that exhibit radioactivity. Isotopes are varieties of a chemical element that differ in atomic weight, but are very nearly alike in chemical properties. The difference arises because the atoms of the isotopic forms of an element differ in the number of neutrons in the nucleus. For example: Ordinary chlorine is a mixture of isotopes having atomic weights 35 and 37, with the natural mixture having an atomic weight about 35.453. Many of the elements similarly exist as mixtures of isotopes, and a great many new isotopes have been produced in the operation of nuclear devices such as the cyclotron (Rose, 1966). There are 275 isotopes of the 81 stable elements in addition to over 800 radioactive isotopes.

Runoff in inches (IN.) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transformed by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

Sediment discharge is the rate at which suspended sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight, or by volume, that is discharged in a given time.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks and dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current and is expressed in micromhos per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in micromhos). This relation is not constant from stream to stream, and it may even vary in the same source with changes in the composition of the water (Durfor and Becker, 1964 p. 2729).

Stage-discharge relation is the relation between gage height and the volume of water per unit of time, flowing in a channel.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff," as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Surface area of a lake is that area outlined on the latest U.S.G.S. topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for stages when the various maps were made.

Thermograph is a thermometer that continuously and automatically records on a chart, the water temperature of a stream. "Temperature recorder" is the term used to indicate the location of the thermograph or a digital mechanism that automatically records water temperature on paper tape.

Tons per day is the quantity of a substance in solution or suspension that passes a stream section during a 24-hour period.

Total (as used in tables of chemical analyses) refers to the amount of a substance that is present both in solution and in suspension. Analyses are performed on representative samples of water-suspended sediment mixtures.

Total organic carbon (TOC) is a measure of the organically related carbonaceous content of water. It includes all natural and man-made organic compounds which are combustable at a temperature of 950°C.

Water year in Geological Survey reports dealing with surface water supply is the 12-month period, October 1 through September 30. The water year is designated by the calendar year in which it ends. Thus, the water year beginning October 1, 1970 and ending September 30, 1971 is called the "1971 water year."

WRD is used as an abbreviation for "Water-Resources Data" in the summar REVISIONS paragraph to refer to previously published state annual basic-data reports.

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

SPECIAL NETWORKS

Some of the stations for which data are published in this report are included in special networks and programs. These stations are identified by their title, set in parentheses, under the station name.

The National Stream Quality Accounting Network (NASQAN) has been designed to meet many of the information demands of agencies or groups involved in planning and management on a national or regional scale. These agencies include the Water Resources Council, Council on Environmental Quality, Environmental Protection Agency, and interstate or State-Federal units, such as river-basin commissions or river-compact commissions.

The primary objectives of the accounting network are (1) to depict areal variability of water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in stream quality. In implementing the network, one or more stations in each river-basin unit is selected so as to sample a major part of the surface-water discharge from the unit.

Both accounting and broad-scale monitoring objectives have been incorporated in the network design. Temperature, specific conductance, the major inorganic constituents, sediment, organic and minor inorganic constituents, bacterial content, and other biological parameters are measured periodically to provide information on their range, diversity, and variability. The ability of the stream to support biological life is assessed by periodic observations of the lower forms of aquatic plants and animals. Information obtained from the accounting network stations will provide a broad base of water-quality data on streams throughout the nation.

Pesticide program is a network of regularly sampled water-quality stations where additional samples are collected to determine the concentration and distribution of pesticides in streams whose waters are used for irrigation or in streams in areas where potential contamination could result from the application of the commonly used insecticides and herbicides.

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

STATION IDENTIFICATION

Downstream order and station number

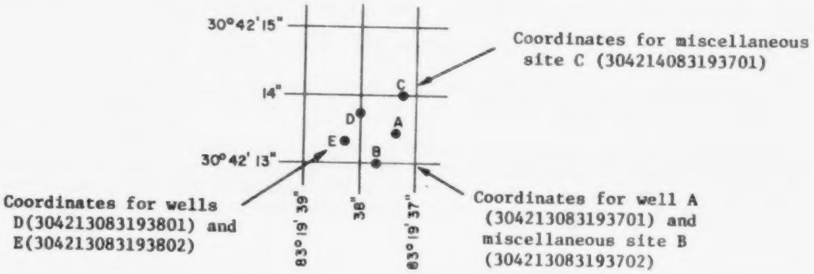
Surface water stations are listed in a downstream direction along the main stream, and stations on tributaries are listed between stations on the main stream in the order in which those tributaries enter the main stream. Stations on tributaries entering above all mainstream stations are listed before the first mainstream station. Stations on tributaries to tributaries are listed in a similar manner. In the lists of gaging stations and water-quality stations in the front of this report the rank of tributaries is indicated by indention, each indention representing one rank.

As an added means of identification, each gaging station, partial-record station, and water-quality station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and gaging stations; therefore, the station number for a partial-record station indicates downstream order position in a list made up of both types of stations. Water-quality stations located at or near gaging stations or partial-record stations have the same number as the gaging or partial-record station. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8-digit number for each station, such as 02335500, which appears just to the left of the station name includes the 2-digit part number "02" plus the 6-digit downstream order number "335500." In this report, the records are listed in downstream order by parts. The part number refers to an area whose boundaries coincide with certain natural drainage lines. All records for a drainage basin encompassing more than one state can be arranged in downstream order by assembling pages from the various state reports by station number to include all records in the basin.

Numbering system for wells and miscellaneous sites

Downstream order station numbers are not assigned to wells, and to miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits is a sequential number for sites within a 1-second grid. In the event that the latitude-longitude coordinates for two sites are the same, sequential numbers "01," "02," are assigned to give each site a unique number. See figure below.



Coordinates for miscellaneous site C (304214083193701)

Coordinates for wells D(304213083193801) and E(304213083193802)

Coordinates for well A (304213083193701) and miscellaneous site B (304213083193702)

Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

The base data collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to define the extremes of discharge, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted opening measurements, computations of flow over dams or weirs), step backwater techniques, velocity- area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharges are computed from the dail figures. If features that form the control, the daily mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in determining discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in determining discharge.

At some stations there is no relation between stage and discharge because of the flat stream gradients and/or tidal fluctuations. Discharge is determined from ratings which are based on a relation between recorded deflection (velocity index unit) at a fixed point and mean velocity at a fixed measuring section, and a relation between recorded stage and cross-sectional area at the measuring site.

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods the daily discharges are estimated on the basis of recorded range in stage, adjoining good record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. The location of the gaging station and the drainage area are obtained from most accurate maps available. River mileage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD."

Previously published streamflow records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964, to September 30, 1965. If no daily, monthly, or annual figures of discharge are affected by the revision, the fact is brought out by notations after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports.

The type of gage currently in use, the datum of the present gage above mean sea level, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE." In references to datum of gage, the phrase "mean sea level" denotes "Sea Level Datum of 1929" as used by the Topographic Division of the Geological Survey unless otherwise qualified.

Information pertaining to the accuaracy of the discharge records and to conditions which affect the natural flow of the gaging station is given under "REMARKS." For reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir is given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than 5 complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance. In addition, the median of yearly mean discharges if given for stream-gaging stations haveing 10 or more complete years of record if the median differs from the average by more than 10 percent. Under "EXTREMES" are given first, the extremes for the period or record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with EXTREMES FOR THE CURRENT YEAR: if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharge are not published for any canals, ditches, drains, or for any stream for which peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

Skeleton rating tables are published, immediately following EXTREMES, for stream-gaging stations where they serve a useful purpose and the dates of applicability can be easily identified.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the appropriate daily discharges for the calendar and water years.

Footnotes to the table of daily discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more of includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

Data collected at partial-record stations follow the information for continuous record sites. Data for partial-record discharge stations are presented in two tables. The first is a table of discharge measurements at low-flow partial-record stations, and the second is a table of annual maximum stage and discharge at crest-stage stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations.

Accuracy of field data and computed results

The accuracy of discharge data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretation of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges is within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations and miscellaneous sites.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments of losses are large in comparison with the observed discharge.

Other data available

Information of a more detailed nature than that published for most of the gaging stations, such as discharge measurements, gage-height records, and rating tables, is on file in the district office. Also most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the district office.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

The descriptive heading for water-quality records at surface water stations where parameters are measured on a daily basis (specific conductance, pH, dissolved oxygen, water temperature, sediment discharge, etc.) gives the period of record for the daily water-quality parameters; extremes for the period of record, extremes for the current year; and general remarks. The chemical analyses of samples collected at these sites are given immediately following the daily records.

For records collected at miscellaneous surface water sites and ground water sites no descriptive statment are given, however, the site number, date of sampling and other pertinant data are given in the table of chemical analyses.

Water analysis

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey Techniques of Water-Resources Investigations listed on a following page.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistncy exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water temperature

Water temperatures are measured at most of the water-quality stations. For daily stations, the water temperatures are taken at about the same time each day in order that the data would not reflect diurnal variations in water temperature. Most large streams have small diurnal variations in water temperature; small, shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. The thermometers used for determining the water temperature are accurate to plus or minus 0.5°C.

At stations where thermographs are located, the records consist of maximum and minimum temperatures for each day and the monthly average of maximum and mimimum daily temperatures.

Sediment

Suspended sediment samples were collected monthly at stations in the Hydrologic Bench-mark Network and National Stream Quality Accounting Network with depth-integrating samplers. Depth integrated samples were collected at three or more verticals in the cross section to determine variations in the cross section and to more accurately determine suspended sediment loads. Daily sediment loads in tons per day are reported for days on which samples were collected.

Mineral constituents in solution

All natural waters contain dissolved mineral matter. The quantity of dissolved mineral matter in natural water depends primarily on the type of rocks or soils with which the water has been in contact and the length of time of contact. Ground water is generally more highly mineralized than surface runoff because it remains in contact with the rocks and soils for much longer periods. Many streams are fed by both surface runoff and ground water from seepage or direct spring inflow. Such streams reflect the character of the more mineralized ground water during dry periods and are diluted by surface runoff during wet periods.

The mineral constituents and physical properties of waters reported in this report include those that have a practical bearing on water use. The results of analyses generally include silica, iron, calcium, magnesium, sodium, potassium, carbonate, bicarbonate, sulfate, chloride, fluoride, nitrate, pH, dissolved solids, and specific conductance. Aluminum, manganese, color, dissolved oxygen, and other dissolved constituents and physical properties are reported for certain streams. Microbiologic and organic components (pesticides, total organic carbon) and minor elements (arsenic, cobalt, cadmium, copper, lead, mercury, nickel, strontium, zinc, etc.) are determined occasionally for some streams in connection with specific studies and the results are reported. The source and significance of a number of constituents and properties of natural waters are discussed in the following table.

Table 1.--Significance of dissolved mineral constituents and properties of water

Constituent or property	Source or cause	Significance
Alkalinity	Caused primarily by bicarbonate, carbonate, and hydroxide. Other weak acid radicals like borate, phosphate, and silicate may contribute to alkalinity.	Ability of water to neutralize strong acid. High alkalinity itself not detrimental but usually associated with high pH, hardness, and dissolved solids which can be detrimental.
Aluminum (Al)	Usually present only in negligible quantities in natural waters except where the waters have been in contact with the more soluble rocks of high aluminum content. Acid waters often contain large amounts.	May be troublesome in feed waters forming scale on boiler tubes. High concentrations usually indicate the presence of acid mine drainage or industrial waste.
Arsenic (As)	Natural arsenic bearing minerals. Found in some ground waters, in wastes from industry and mining activity, and residues from some insecticides and herbicides.	National Interim Primary Drinking Water Regulations, (1975), give a limit of 50 ug/L for potable waters. Lethal dose for animals is believed to be about 20 milligrams per animal pound. Small concentrations in drinking water can accumulate in man and other animals until lethal dosage is reached.
Bicarbonate (HCO_3) and Carbonate (CO_3)	Produced by reaction of atmospheric carbon dioxide with water. Dissolved from carbonate rocks such as limestone and dolomite.	Bicarbonate and carbonate produce alkalinity. Bicarbonates of calcium and magnesium decompose in steam boilers and hot water facilities to precipitate as scale and release corrosive carbon dioxide gas. In combination with calcium and magnesium cause carbonate hardness.

Table 1 (con't.)

Constituent or property	Source or cause	Significance
Cadmium (Cd)	Found in wastes from pigment works, textile printing, lead mines, and chemical industries.	The results of animal studies suggest that very small amounts of cadmium can produce nephrotoxic and cardiovascular effects. The reproductive organs of animals are specifically affected after parenteral administration of very small amounts of cadmium salts. National Interim Primary Drinking Water Regulations, (1975), state that cadmium in excess of 10 ug/L is cause for rejection of the water supply. Cadmium is also toxic to fish and aquatic life in varying concentrations.
Calcium (Ca) and Magnesium (Mg)	Dissolved from practically all soils and rocks, but especially from limestone, dolomite, and gypsum. Calcium and magnesium are found in large quantities in some brines. Magnesium is present in large quantities in seawater.	Cause most of the hardness and scale-forming properties of water; consumes soap (see hardness). Waters low in calcium and magnesium are desired in electroplating, tanning, dyeing, and in textile manufacturing.
Chloride (Cl)	Dissolved from rocks and soils. Present in sewage and found in large amounts in ancient brines, seawater, and industrial brines.	About 300 mg/L in combination with sodium gives salty taste to water. Increases the corrosiveness of water. USPHS drinking water standards (1962) recommend that the chloride content should not exceed 250 mg/L.
Chromium (Cr)	Few if any waters contain chromium from natural sources. Natural waters can probably contain only traces of chromium as a cation unless the pH is very low. When chromium is present in water, it is usually the result of pollution by industrial wastes such as metal pickling, plating, manufacturing of paints, dyes, explosives, ceramics, paper, glass, and photography processing.	National Interim Primary Drinking Water Regulations, (1975), limit the maximum concentration of hexavalent chromium to 50 ug/L. Toxicity to aquatic life varies widely with the species, temperature, pH, and other factors.
Cobalt (Co)	Cobalt occurs in nature in the minerals smaltite, $(Co,Ni)As^2$, and cobaltite, CoAsS. Alluvial deposits and soils derived from shales often contain cobalt in the form of phosphate or sulfate, but other soil types may be markedly deficient in cobalt in any form (Bear, 1955). Biological activity may aid in the solution of small amounts of cobalt. May also be present in industrial wastes especially those from manufacture of ceramics, inks, electric heating units, and cobalt pigments.	Usually suggests pollution. Relatively low toxicity to man. Fish and aquatic life tolerance varies widely from less than 3 mg/L to more than 10 mg/L. Essential in trace quantities for plant growth.
Color	Yellow-to-brown color of some water is usually caused by organic matter extracted from leaves, roots, and other organic substances. Objectionable color in water also results from industrial wastes and sewage.	Water for domestic and some industrial uses should be free from perceptible color. Color in water is objectionable in food and beverage processing and many manufacturing processes. Limits light penetration in water, thus preventing growth of some organisms.

Constituent or property	Source or cause	Significance
Copper (Cu)	Copper is a fairly common trace constituent of natural water. Small amounts may be introduced into water by solution of copper and brass water pipes and other copper-bearing equipment in contact with the water or from copper salts added to control algae in open reservoirs. Copper salts such as the sulfate and chloride are highly soluble in waters with a low pH but in water of normal alkalinity the salts hydrolyze and the copper may be precipitated. In the normal pH range of natural water containing carbon dioxide, the copper might be precipitated as carbonate.	Copper imparts a disagreeable metallic taste to water. As little as 1.5 mg/L can usually be detected, and 5 mg/L can render the water unpalatable. Copper is not considered to be a cumulative systemic poison like lead and mercury; most copper ingested is excreted by the body and very little is retained. The pathological effects of copper are controversial, but it is generally believed very unlikely that humans could unknowingly ingest toxic quantities from palatable drinking water. The U.S. Public Health Service (1962) recommends that copper should not exceed 1000 ug/L in drinking and culinary water. Copper is essential in trace amounts for plant growth but becomes toxic in large amounts.
Dissolved Oxygen (DO)	Dissolved in water from air and from oxygen given off in the process of photosynthesis by aquatic plants.	Dissolved oxygen increases the palatability of water. The amount necessary to support fish life varies with species and age, with temperature, and concentration of other constituents in the water. Under average stream conditions, 5 mg/L is usually necessary to maintain a varied fish fauna in good condition. For many industrial uses, zero dissolved oxygen is desirable to inhibit corrosion.
Dissolved solids	Chiefly mineral constituents dissolved from weathering of rocks and soils.	USPHS drinking water standards (1962) recommend that the dissolved solids should not exceed 500 mg/L, however, 1,000 mg/L is permitted under certain circumstances. Waters containing more than 1,000 mg/L of dissolved solids are unsuitable for many purposes. The Geological Survey classifies the degree of salinity of these more mineralized bodies of water as follows (Swenson and Baldwin, 1965): Dissolved solids (mg/L) — Degree of salinity Less than 1,000..... Nonsaline. 1,000 to 3,000...... Slightly saline. 3,000 to 10,000..... Moderately saline. 10,000 to 35,000.... Very saline.
Fluoride (F)	Dissolved in small to minute quantities from most rocks and soils. Enters many waters from fluoridation of municipal supplies.	Fluoride in drinking water reduces the incidence of tooth decay when the water is consumed during the period of enamel calcification. However, it may cause mottling of the teeth depending on the concentration of fluoride, the age of the child, amount of drinking water consumed, and susceptibility of the individual. (Maier, 1950).
Hardness (as $CaCO_3$)	In most waters nearly all the hardness is due to calcium and magnesium. All of the metallic cations other than the alkali metals also cause hardness.	Consumes soap before a lather will form. Deposits soap curd on bathtubs. Hard water forms scale in boilers, water heaters, and pipes. Hardness equivalent to the bicarbonate and carbonate is called carbonate hardness. Any hardness in excess of this is called non-carbonate hardness. Waters of hardness up to 60 mg/L are considered soft; 61 to 120 mg/L, moderately hard; 121 to 200 mg/L, hard; more than 200 mg/ very hard.

Table 1 (con't)

Constituent or property	Source or cause	Significance
Iron (Fe)	Iron is dissolved from many rocks and soils. On exposure to air, normal basic waters that contain more than 1 mg/L of iron soon become turbid with the insoluble reddish ferric compounds produced by oxidation. Surface waters, therefore, seldom contain as much as 1 mg/L of dissolved iron, although some acid waters carry large quantities of iron in solution.	On exposure to air, iron in ground water oxidizes to reddish-brown sediment. More than about 300 ug/L may stain laundry and utensils reddish-brown. Objectionable for food processing, textile processing, beverages, ice manufacture, brewing and other processes. USPHS drinking water standards state that for esthetic reasons iron and manganese should not exceed 300 ug/L. Larger quantities cause unpleasant taste and favor growth of iron bacteria.
Lead (Pb)	Lead seldom occurs in most natural waters, but industrial mine and smelter effluents may contain relatively large amounts of lead which contaminates the streams. Also, atmospheric contamination which is produced from several types of engine exhausts has considerably increased the availability of this element for solution in rainfall, resulting in contamination of lead in streams (Hem, 1970). Lead in the form of sulfate is reported to be soluble in water to the extent of 31 mg/L (Seidell, 1940) at 25°C. In natural water this concentration would not be approached however, since a pH of less than 4.5 would probably be required to prevent formation of lead hydroxide and carbonate. It is reported (Pleissner, 1907) that at 18°C water free of carbon dioxide will dissolve the equivalent of 1.4 mg/L of lead and the solubility is increased nearly four fold by the presences of 2.8 mg/L of carbon dioxide in the solution. Presence of other ions may increase the solubility of lead.	National Interium Primary Drinking Water Regulations, (1975), that lead shall not exceed 50 ug/L in drinking and culinary water on carriers subject to Federal quarantine regulations. Maximum safe concentrations for animal watering is reported to be 500 ug/L. Toxicity of lead to fish decreases with increasing water hardness.
Manganese (Mn)	Dissolved from some rocks and soils. Not as common as iron. Large quantities often associated with high iron content and with acid waters.	Same objectionable features as iron. Causes dark brown or black stain. USPHS drinking water standards provide that iron and manganese together should not exceed 0.3 mg/L.
Nickel (Ni)	Chiefly from metal-plating works, manufacturing of ceramic colors, and inks.	Presence of nickel in water may suggest pollution. Federal drinking water standards do not place a limit on nickel. In the Soviet Union the maximum permissible concentration is 1.0 mg/L, (Kirkor, 1951).
Ammonia Nitrogen (N)	Includes nitrogen in the form of NH_3 and NH_4^+. Found in many waters but usually only in trace amounts. Waters from hot springs may contain high concentrations. Found also in waters polluted with sewage and other organic waste.	Usually indicates organic pollution. Toxicity to fish is dependent on the pH of the water; 2.5 mg/L ammonia nitrogen can be harmful in the 7.4 to 8.5 pH range (Ellis, M.M., Et. Al, 1946). Ammonium salts are destructive to concrete made from portland cement.

Table 1 (con't)

Constituent or property	Source or cause	Significance
Organic nitrogen (N)	Amino acids, proteins, and polypeptides. Derived from living organisms and their life processes and from wastes and sewage.	Sometimes indicates pollution. Increases nutrient content of water through decomposition and formation of other nitrogen forms.
Nitrate Nitrogen (N)	Decaying organic matter, sewage, fertilizers, and nitrates in soil.	Concentrations much greater than the local average may suggest pollution. There is evidence that more than about 10 mg/L of nitrate (N) may cause a type of methemoglobinemia in infants, sometimes fatal. Water of high nitrate content should not be used in baby feeding (Maxcy, K.F., 1950). Nitrate has shown to be helpful in reducing intercrystalline cracking of boiler steel. It encourages growth of algae and other organisms which produce undesirable tastes and odors.
Nitrite Nitrogen (N)	Unstable in the presence of oxygen and is present in only small amounts in most waters. Found in sewage and other organic wastes.	Presence of nitrite is usually an indication of recent organic pollution. Undesirable in waters for some dyeing and brewing processes.
Total Kjeldahl Nitrogen (N)	Includes ammonia nitrogen and organic nitrogen.	See organic and ammonia nitrogen.
Total nitrogen (N)	All forms of nitrogen - inorganic and organic.	See ammonia nitrogen, nitrite, nitrate, and organic.
Hydrogen ion concentration and pH	Hydrogen ions derived from ionization of weak and strong acids. Hydrogen ion concentration is expressed in terms of pH where pH = -log (H+). Acid generating salts and dissolved gases such as SO_2 and CO_2 increase the number of hydrogen ions. Carbonates, bicarbonates, hydroxides, phosphates, silicates, and borates reduce the number of hydrogen ions.	pH ranges between 0 and 14. A pH of 7.0 indicates solution having equal numbers of hydrogen and hydroxide ions. pH higher than 7.0 denotes predominance of hydroxide ions; values lower than 7.0 indicate predominance of hydrogen ions. Corrosiveness of water generally increases with decreasing pH. However, excessively alkaline waters may also attack metals.
Strontium (Sr)	Dissolved from rocks and soils. Found in seawater and many brines. Present in waters of local areas where strontium minerals such as celestite and strontianite are present.	Naturally occurring strontium is similar chemically to calcium and only adds to the hardness of water. Raioactive isotopes of strontium, as from nuclear bomb fallout, can be harmful. These isotopes can be detected by radiometric measurements.
Sulfate (SO_4)	Dissolved from rocks and soils containing gypsum, iron sulfides, and other sulfur compounds. Usually present in mine waters and in some industrial waters.	Sulfate in water containing calcium forms hard scale in steam boilers. In large amounts, sulfate in combination with other ions gives bitter taste to water. Some calcium sulfate is considered beneficial in the brewing process. USPHS drinking water standards recommend that the sulfate content should not exceed 250 mg/L.

Table 1 (con't)

Constituent or property	Source or cause	Significance
Temperature	Solar energy, thermal pollution from waste outfalls and heat from earth's core.	Affects usefulness of water for many purposes. For most uses, a water of uniformly low temperature is desired. Shallow wells show some seasonal fluctuations in water temperature. Ground waters from moderate depths usually are nearly constant in temperature, which is near the mean annual air temperature of the area. In very deep wells, the water temperature generally increases on the average about 1°C with each 100-foot increment of depth. Seasonal fluctuations in temperatures of surface waters are comparatively large, depending on the depth of water, but do not reach the extremes of air temperature.
Turbidity	Colloidal suspensions of sediment, precipitates, and other small particles.	Should be less than 5 units for domestic use. Interferes with light penetration and limits growth of organisms. Also directly lethal to some life forms.
Zinc (Zn)	Dissolved from some rocks and soils. Found in high concentrations in some mine waters having a low pH. Zinc is used in many commercial products and industrial wastes may contain large amounts. May be derived from zinc plated or galvanized metal products.	Small amounts are toxic to aquatic plants and animals. Zinc may have such a toxic action on purifying bacterial flora of streams as to present serious sewage pollution problems. USPHS drinking water standards recommend that zinc should not exceed 5,000 ug/L (5 mg/L).

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Collection of the data

Ground-water level data from a state-wide network of observation wells are published herein. The records includes data from wells equipped with continuous water level recorders and data from wells where water levels are measured periodically.

Each well is identified by means of (1) a 15-digit number that is based on the grid system of latitude and longitude as shown in figure 2, and (2) a local number that is provided for continuity with older reports and for other use as dictated by local needs.

Measurements are made in many types of wells under varying conditions, but the methods of measurement are standardized to the extent possible. The equipment and measuring techniques used at each observation well insure that measurements at each well are of consistent accuracy and reliability.

Water-level measurements in this report are given in feet with reference to either mean sea level (msl) or land-surface datum (lsd). Mean sea level is the datum plane on which the national network of precise levels is based; land-surface datum is a datum plane that approximates land surface at each well. If known, the altitude of the land-surface datum above mean sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported daily or for every fifth day and the end of the month (eom).

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth to water of several hundred feet, the error of determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water, the accuracy is greater, however, most measurements are reported to a hundredth of a foot.

HYDROLOGIC CONDITIONS

Rainfall for the year ranged from 3-5 inches above normal in northwest Florida to 3-4 inches below normal in the northern part, as recorded by index stations.

Although streamflow throughout the area was below the 1975 annual averages, conditions varied within geographical areas. Streamflow in the western part of the area ranged from 40 to 90 percent above average flow for period of record which was primarily contributed by high flow during the first quarter of the year. In the Suwannee River basin annual streamflow was slightly below normal in the central and lower portion of the basin but about 40 percent above normal at the upper part of the basin near White Springs. In the eastern part of the area, streamflow at Santa Fe River near Worthington Springs was 50 percent below the average for period of record.

Lake elevations were generally above normal in the western part of the area and below in the eastern. Lake Jackson near Tallahassee and Alligator Lake at Lake City averaged about 2 feet below normal for the year.

Water levels in the Floridan aquifer in northwest Florida reached record lows in some parts of Okaloosa County but were about normal in most of northwest Florida. In Franklin County water levels were about .5 feet below normal; Walton County water levels were about 2 feet above normal; Gulf County, 1.5 feet below normal; and Santa Rosa County levels averaged about 3 feet lower than in 1975.

Water levels in coastal wells in Okaloosa County (Ft. Walton Beach) were about 4 feet lower than in 1975 and 2 feet lower in northern part of the county.

Water levels in the sand-and-gravel aquifer were slightly above normal in southern Escambia County and about 15 feet above normal in the northern part of the county. Water levels in the sand-and-gravel aquifer in Santa Rosa County were about 9 feet above normal in the northern part of the county and slightly above normal in the coastal area.

In northern Florida ground water levels generally were below long-term averages for the year, some were at or near record lows. Water-levels in well Columbia 9 at Lake City averaged 2-4 feet below average month-end water levels. In well Union 007-222-1 near Lake Butler and Alachua 936-236-1 near Newberry water levels were 3-5 feet below average month-end water levels. The lowest water levels occurred in the northeast section of the area with 5 wells, with 10 or more years of record, recorded new record low water-levels during the year. Numerous other wells with shorter periods of record also experienced record low water levels.

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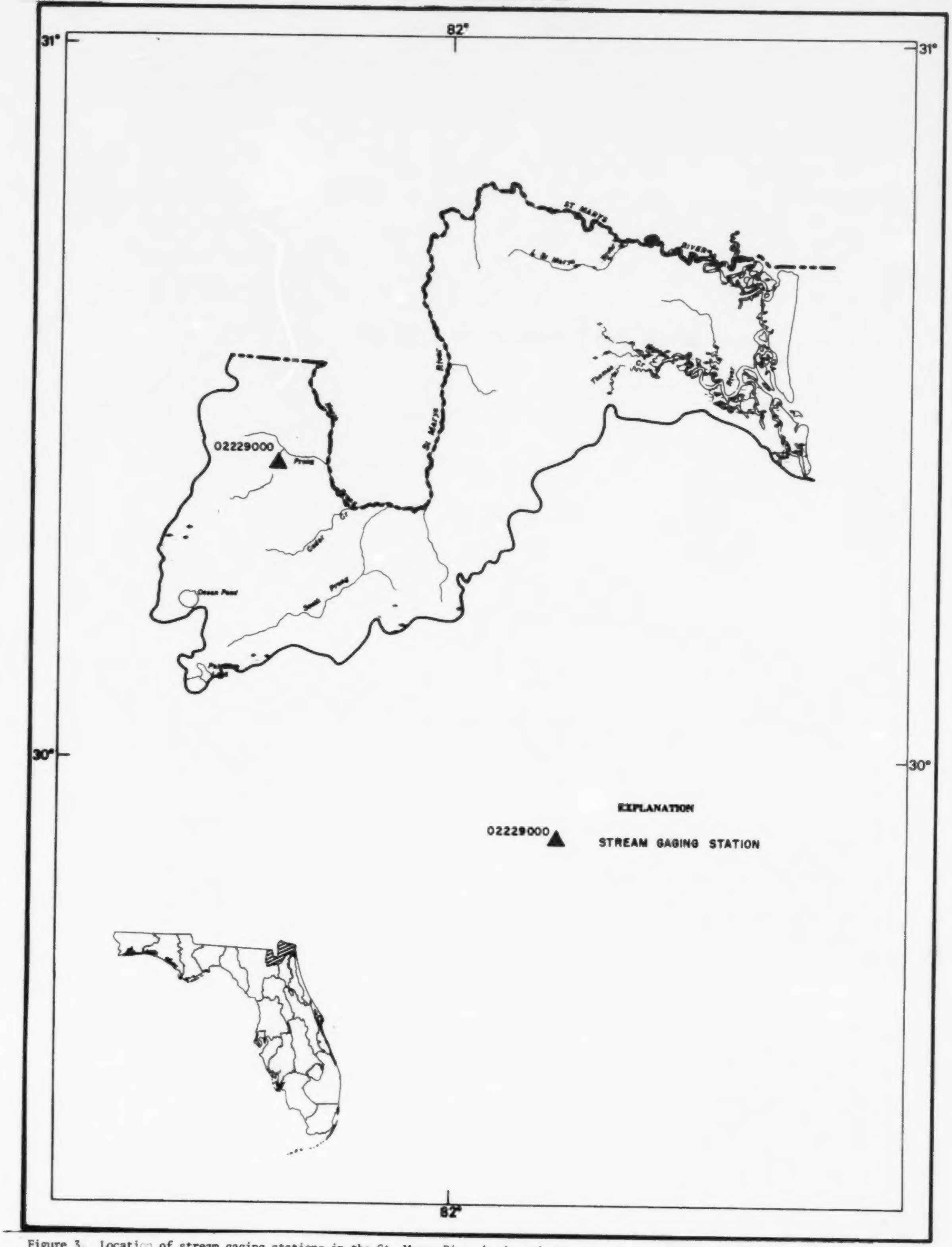
STAGE AND DISCHARGE OF STREAMS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Ocean Pond
EXPLANATION
02229000
STREAM GAGING STATION

Figure 3. Location of stream gaging stations in the St. Marys River basin and the coastal area between the St. Marys and St. Johns Rivers.

02229000 Middle Prong St. Marys River at Taylor, Fla.

LOCATION.--Lat 30°26'10", long 82°17'15", in SW¼ sec.2, T.1 S., R.20 E., Baker County, Hydrologic Unit 03070204, near center of span on State Highway 125, 0.5 mi (0.8 km) southeast of Taylor, 0.9 mi (1.5 km) upstream from Little River and 7.4 mi (11.9 km) upstream from mouth.

DRAINAGE AREA.--125 mi^2 (324 km^2), approximately.

PERIOD OF RECORD.--September 1955 to September 1967; April to September 1976.

GAGE.--Water-stage recorder. Datum of gage is 89.51 ft (27.283 m) above mean sea level (Florida Department of Transportation bench mark). Prior to April 1976 at same site at datum 0.11 ft (0.034 m) lower.

AVERAGE DISCHARGE.--12 years (1955-67), 111 ft^3/s (3.144 m^3/s), 12.06 in/yr (306 mm/yr).

EXTREMES.--Maximum discharge during period April to September 1976, 509 ft^3/s (14.4 m^3/s) May 26 (gage height, 9.03 ft or 2.752 m); minimum, 1.3 ft^3/s (0.037 m^3/s) Aug. 28, 29 (gage height, 0.88 ft or 0.268 m).
Period of record: Maximum discharge, 3,920 ft^3/s (111 m^3/s) Sept. 12, 1964 (gage height, 14.49 ft or 4.383 m, present datum); minimum discharge, 0.90 ft^3/s (0.025 m^3/s) Aug. 28-31, Sept. 16, 17, 1956; minimum gage height, 0.96 ft (0.293 m) present datum Sept. 27, 1963.

REMARKS.--Record fair.

REVISIONS.--WSP 1905 WRD Fla. 1965: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							3.2	2.7	251	11	11	2.5
2							3.0	2.8	212	14	9.1	2.3
3							3.0	3.5	188	14	7.7	2.7
4							3.2	4.0	161	14	7.2	2.9
5							3.5	3.5	136	11	7.0	3.7
6							5.2	2.9	121	9.8	6.5	3.0
7							7.2	2.7	102	9.8	5.1	5.1
8							8.2	5.8	90	22	4.1	17
9							7.3	13	78	62	3.4	25
10							6.1	16	67	67	3.0	34
11							5.3	15	59	79	2.7	42
12							4.7	12	53	89	4.1	38
13							4.0	10	46	84	5.2	33
14							3.7	12	39	80	6.4	34
15							3.6	55	36	77	4.1	35
16							3.0	147	32	72	3.2	36
17							2.8	162	30	64	4.9	38
18							2.6	156	29	57	12	41
19							2.4	142	24	56	3.9	43
20							2.2	129	20	51	2.4	44
21							2.0	117	21	49	2.2	44
22							1.9	113	20	62	2.0	43
23							1.8	205	17	59	1.8	41
24							1.7	411	15	51	1.7	52
25							1.8	473	15	42	1.6	249
26							4.3	498	13	35	1.5	140
27							3.7	438	9.9	29	1.5	68
28							3.8	381	8.2	24	1.4	52
29							3.2	350	9.8	19	1.3	44
30							2.7	313	10	16	2.9	39
31							---	277	---	13	3.3	---
TOTAL							111.1	4472.9	1912.9	1342.6	134.2	1254.2
MEAN							3.70	144	63.8	43.3	4.33	41.8
MAX							8.2	498	251	89	12	249
MIN							1.7	2.7	8.2	9.8	1.3	2.3
CFSM							.03	1.15	.51	.35	.03	.33
IN.							.03	1.33	.57	.40	.04	.37

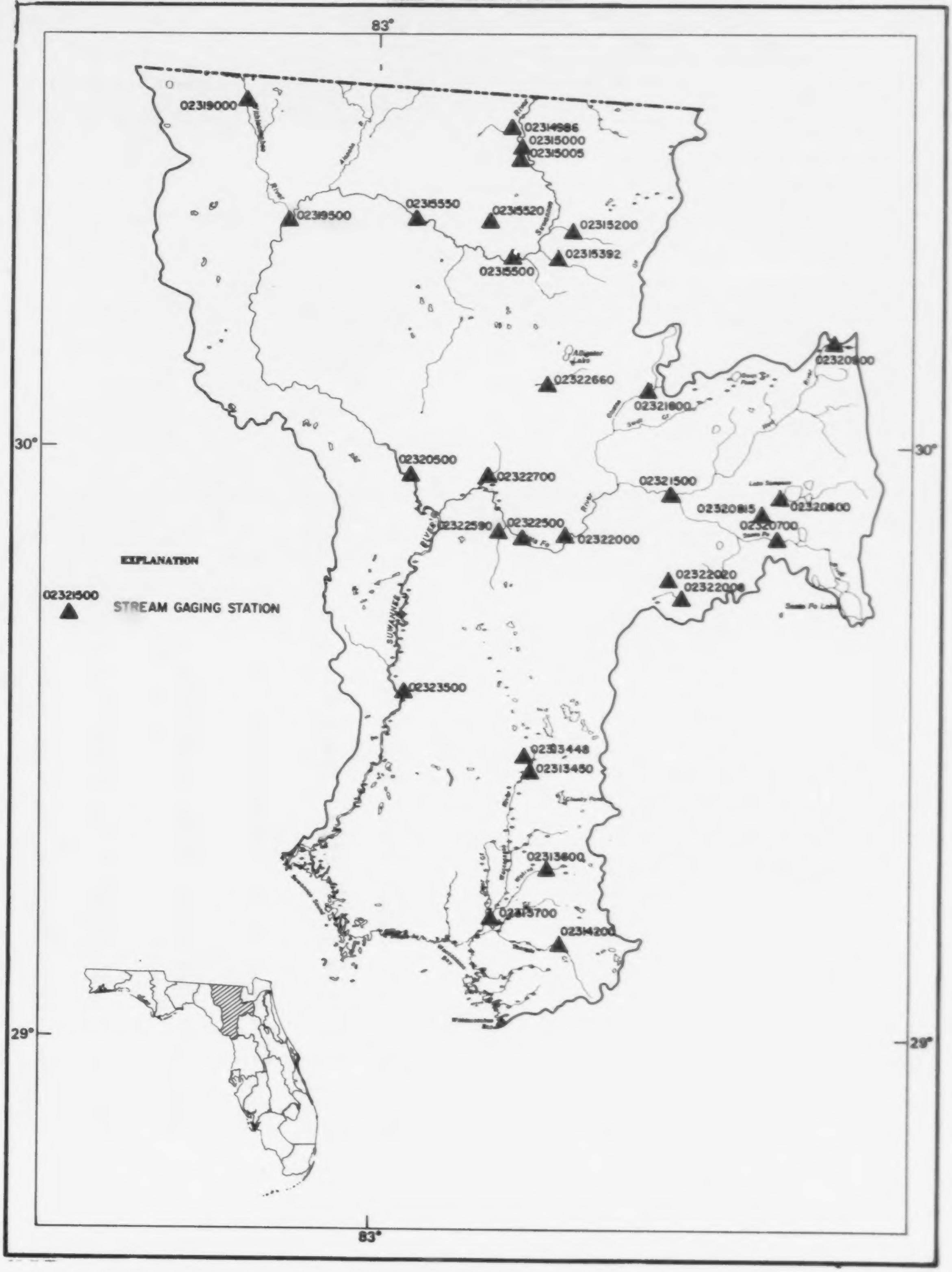
83°
02319000
02314986
02315000
02315005
02315550
02315520
02315200
02319500
02315500
02315392
Alligator Lake
02320000
02322660
02321000
30°
30°
02320500
02322700
02321500
Lake Sampson
02320815
02320800
02320700
02322590
02322500
02322000
Santa Fe
SUWANNEE RIVER
02322020
02322006
Santa Fe Lake
EXPLANATION
02321500
STREAM GAGING STATION
02323500
02313448
02313450
02313600
02313700
02314200
29°
29°
83°

Figure 4. Location of stream gaging stations in the Waccasassa and Suwannee River basins and the coastal area between the Withlacoochee and Suwannee Rivers.

WACCASASSA RIVER AND COASTAL AREA BETWEEN WITHLACOOCHEE AND SUWANNEE RIVERS

02313448 Little Waccasassa River near Bronson, Fla.

LOCATION.--Lat 29°28'34", long 82°41'13", in NW¼ sec.2, T.12 S., R.16 E., Levy County, Hydrologic Unit 03110101, at bridge on U. S. Highway Alternate 27, 2.8 mi (4.5 km) upstream from mouth and 3.7 mi (6.0 km) northwest of Bronson.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--November 1966 to current year (discharge measurements only).

EXTREMES.--Period of record: Maximum discharge measured, 148 ft³/s (4.19 m³/s) Feb. 4, 1970; no flow observed in 1968, 1969, 1971, 1974, 1975 and 1976.

REMARKS.--Discharge at this station included in peak discharge at Waccasassa River near Bronson (sta 02313400).

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)	DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)
NOV 18...	** .20	15.5	MAY 17...	.00	23.5
JAN 27...	1.1	15.0	JUN 28...	.00	28.5
MAR 12...	.00	24.0	SEP 16...	.70	21.0

02313450 Blue Spring near Bronson, Fla.

LOCATION.--Lat 29°27'02", long 82°41'57", in SW¼ sec.10, T.12 S., R.16 E., Levy County, Hydrologic Unit 03110101, on south side of pool at spring at head of unnamed run, 0.4 mi (0.6 km) upstream from mouth and 3.8 mi (6.1 km) west of Bronson.

PERIOD OF RECORD.--1932 (one field estimate), September 1966 to current year (discharge measurements only).

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Observations of stage made only when discharge measurements are made.

AVERAGE DISCHARGE.--69 measurements, 8.65 ft³/s, 5.59 mgd (0.245 m³/s).

EXTREMES.--Period of record: Maximum discharge measured, 22 ft³/s (0.62 m³/s) Feb. 15, 1967; maximum gage height observed, 40.97 ft (12.488 m) Feb. 19, 1970; minimum discharge measured, 4.5 ft³/s (0.13 m³/s) June 28, 1973; minimum gage height observed, 38.99 ft (11.884 m) May 30, 1975.

REMARKS.--Spring is subject to backwater from Waccasassa River.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)	DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)
NOV 18...	8.2	20.5	MAY 17...	7.3	22.5
JAN 27...	7.1	18.0	JUL 02...	4.7	23.0
MAR 15...	7.6	22.0	SEP 16...	7.7	23.5

**Field estimate.

WACCASASSA RIVER AND COASTAL AREA BETWEEN WITHLACOOCHEE AND SUWANNEE RIVERS

02313600 Wekiva Springs near Gulf Hammock, Fla.

LOCATION.--Lat 29°16'49", long 82°39'23", in SW¼ sec.7, T.14 S., R.17 E., Levy County, Hydrologic Unit 03110101, at head of Wekiva River, 4.5 mi (7.2 km) northeast of Gulf Hammock.

PERIOD OF RECORD.--1917, 1929, 1931-32, 1946, 1956, 1960, 1963-65, 1967 to current year (one to three discharge measurements each water year).

AVERAGE DISCHARGE.--35 measurements, 55.6 ft³/s, 35.9 mgd (1.575 m³/s).

EXTREMES.--Period of record: Maximum discharge measured, 100 ft³/s (2.83 m³/s) Feb. 1, 1929; minimum measured, 29 ft³/s (0.82 m³/s) June 19, 1967.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT			SEP		
08...	53	23.5	01...	50	22.0

WACCASASSA RIVER AND COASTAL AREA BETWEEN WITHLACOOCHEE AND SUWANNEE RIVERS

02313700 Waccasassa River near Gulf Hammock, Fla.

LOCATION.--Lat 29°12'14", long 82°46'09", in SW¼ sec.2, T.15 S., R.15 E., Levy County, Hydrologic Unit 03110101, near right bank at abandoned railroad grade, 0.5 mi (0.8 km) upstream from Otter Creek, 3.6 mi (5.8 km) upstream from mouth, and 4 mi (6 km) southwest of Gulf Hammock.

DRAINAGE AREA.--480 mi² (1,240 km²), approximately, including that of Otter Creek.

PERIOD OF RECORD.--March 1963 to current year.

GAGE.--Water-stage and deflection-meter recorder. Datum of gage is 0.51 ft (0.155 m) below mean sea level.

AVERAGE DISCHARGE.--13 years, 322 ft³/s (9.119 m³/s) 233,300 acre-ft/yr (288 hm³/yr).

EXTREMES.--Current year: Maximum daily discharge, 1,160 ft³/s (32.8 m³/s) Oct. 18; maximum gage height, 4.55 ft (1.387 m) Oct. 17; maximum daily reverse flow, 263 ft³/s (7.45 m³/s) Dec. 25; minimum gage height, -2.11 ft (-0.643 m) Feb. 25.

Period of record: Maximum discharge, 12,200 ft³/s (346 m³/s) Sept. 12, 1964 (gage height, 6.96 ft or 2.121 m); maximum daily reverse flow, 1,810 ft³/s (51.2 m³/s) June 9, 1966; minimum gage height, -2.67 ft (-0.814 m) Sept. 9, 1965.

REMARKS.--Records fair. Flow affected by tide. Discharge computed from continuous velocity record obtained from recording deflection meter. Records include flow of Otter Creek. Above bankfull stage, discharge measurements are made along abandoned railroad fill and include all flow from about 1.5 mi (2.4 km) northwest to 0.8 mi (1.3 km) northeast of gaging station. The stage record published is the maximum and minimum tide event for each calendar day.

REVISIONS (WATER YEARS).--WRD Fla. 1970: 1969. WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	581	218	165	419	152	40	-34	65	388	295	136	24
2	614	251	165	497	685	70	-1.0	108	163	534	170	30
3	528	215	143	348	395	130	39	111	62	743	141	132
4	439	193	-11	332	533	170	24	89	126	660	277	36
5	609	260	69	356	472	150	61	56	127	688	375	47
6	516	136	103	331	442	120	56	64	85	542	343	45
7	808	75	41	264	467	80	117	6.7	78	400	291	157
8	684	183	83	346	400	50	100	158	38	270	264	133
9	826	195	58	348	350	30	84	115	26	293	229	204
10	910	165	110	291	300	50	53	130	-23	94	167	130
11	694	134	81	266	350	70	109	19	-5.0	115	119	97
12	612	41	87	282	300	100	77	97	-14	197	155	107
13	551	412	18	240	250	120	38	27	-16	270	273	67
14	498	214	169	358	200	100	59	92	21	213	242	77
15	515	207	318	273	250	80	-29	98	-6.8	218	298	170
16	309	192	188	255	200	50	-52	273	19	151	249	90
17	404	171	258	159	180	60	134	334	55	191	234	48
18	1160	173	257	151	150	40	42	167	96	145	270	96
19	741	109	161	128	200	26	123	272	110	100	278	122
20	702	52	65	148	150	54	97	216	278	142	214	-7.2
21	635	18	56	108	100	59	188	218	375	194	202	-23
22	492	95	68	153	80	25	73	52	415	224	188	27
23	388	77	90	75	60	130	94	.20	396	161	217	48
24	334	61	38	45	100	157	140	720	373	121	84	26
25	263	138	-263	49	120	39	57	552	264	293	1.8	15
26	379	30	499	74	100	44	316	684	211	91	20	30
27	302	225	118	278	80	98	135	490	90	123	72	71
28	324	197	161	191	70	119	155	464	137	124	38	31
29	307	53	114	160	60	223	24	643	99	97	73	18
30	341	90	252	163	---	101	21	453	85	140	46	15
31	273	---	177	256	---	60	---	194	---	204	10	---
TOTAL	16739	4580	3838	7344	7196	2645	2300.0	6967.90	4052.2	8033	5676.8	2062.8
MEAN	540	153	124	237	248	85.3	76.7	225	135	259	183	68.8
MAX	1160	412	499	497	685	223	316	720	415	743	375	204
MIN	263	18	-263	45	60	25	-52	.20	-23	91	1.8	-23
AC-FT	33200	9080	7610	14570	14270	5250	4560	13820	8040	15930	11260	4090

CAL YR 1975 TOTAL 84466.80 MEAN 231 MAX 1420 MIN -263 AC-FT 167500
WTR YR 1976 TOTAL 71434.70 MEAN 195 MAX 1160 MIN -263 AC-FT 141700

NOTE.--Negative figures indicate reverse flow. No deflection record Feb. 8 to Mar. 17.

WACCASASSA RIVER AND COASTAL AREA BETWEEN WITHLACOOCHEE AND SUWANNEE RIVERS

02313700 Waccasassa River near Gulf Hammock, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
TIDAL HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.08	2.31	3.23	3.02	3.61	3.14	2.67	3.64	3.28	3.06	3.06	2.97
2	3.15	2.58	3.07	2.82	2.04	2.89	2.54	3.01	2.99	2.95	3.24	2.87
3	2.81	2.97	2.78	3.06	2.62	2.66	2.66	2.64	3.12	2.67	3.21	2.76
4	2.74	3.02	2.86	2.66	2.23	2.87	2.79	2.25	2.68	2.85	2.91	2.95
5	3.12	3.10	2.86	1.64	2.06	3.01	2.71	2.66	2.41	3.28	2.88	3.08
6	3.18	2.99	2.84	1.41	2.21	2.84	2.80	2.54	1.75	3.06	2.98	3.07
7	3.15	3.33	2.75	2.68	1.48	2.65	1.85	2.65	2.55	3.06	3.14	3.03
8	3.34	3.12	2.93	2.75	2.25	2.76	1.46	2.77	2.90	3.09	3.24	2.98
9	3.16	2.99	2.64	.59	1.51	3.40	1.70	2.46	3.21	3.25	3.39	2.97
10	2.97	2.71	1.75	1.70	1.91	1.98	2.16	2.82	3.37	3.21	3.21	2.93
11	2.76	2.64	2.25	2.24	2.57	1.98	2.99	3.08	3.28	3.22	3.10	2.65
12	2.56	3.09	2.46	2.33	2.69	2.30	3.04	3.20	3.36	3.31	2.94	2.30
13	2.35	1.50	2.82	1.85	2.18	2.84	2.92	3.28	3.18	3.30	2.66	2.52
14	2.47	.40	2.83	2.63	2.99	2.96	3.20	3.56	3.03	3.17	2.91	2.55
15	2.91	1.48	2.72	2.25	2.96	3.31	3.17	3.74	2.98	2.90	2.93	2.65
16	3.09	2.21	3.20	2.65	3.01	4.35	3.38	3.26	3.17	2.70	2.75	2.74
17	4.55	2.61	3.45	3.28	3.04	2.17	3.48	3.04	2.77	2.57	2.65	2.51
18	3.29	2.72	3.36	1.15	3.63	2.23	3.19	2.92	2.66	2.66	1.83	2.48
19	2.84	2.77	1.26	1.00	3.05	3.02	2.80	2.29	2.69	2.54	1.64	2.73
20	2.61	2.97	2.32	1.90	3.01	2.70	2.84	2.04	3.17	2.57	2.29	3.02
21	2.46	3.31	3.12	2.31	3.24	2.77	2.47	2.20	3.02	2.51	2.71	3.29
22	2.74	2.83	2.17	2.27	2.54	1.29	2.40	2.91	3.02	2.77	2.80	3.25
23	2.97	2.68	2.63	2.54	.98	.60	2.20	4.17	2.93	2.80	2.88	3.14
24	2.86	2.24	2.74	2.68	1.50	1.98	2.66	3.78	2.91	3.01	2.91	3.00
25	2.76	2.52	3.72	2.88	2.69	2.40	3.31	2.76	3.09	3.23	3.18	3.03
26	2.94	2.89	2.85	2.68	1.87	2.38	3.56	2.93	3.17	3.22	3.16	3.19
27	2.67	2.95	2.65	2.50	2.55	2.82	2.80	3.13	3.21	3.20	3.01	3.30
28	2.31	2.68	2.37	.20	2.56	2.71	2.91	3.27	3.10	3.27	2.78	3.22
29	2.54	2.97	3.01	1.73	2.94	2.73	3.10	3.37	3.06	3.17	2.86	3.11
30	2.40	2.85	3.01	2.51	---	2.91	3.37	3.27	3.23	2.97	2.98	3.22
31	2.02	---	3.31	2.79	---	3.15	---	3.34	---	2.95	2.91	---
MEAN	2.86	2.65	2.77	2.22	2.48	2.64	2.77	3.00	2.98	2.98	2.88	2.92
MAX	4.55	3.33	3.72	3.28	3.63	4.35	3.56	4.17	3.37	3.31	3.39	3.30
MIN	2.02	.40	1.26	.20	.98	.60	1.46	2.04	1.75	2.51	1.64	2.30

CAL YR 1975 MEAN .50 MAX 4.55 MIN -1.82
WTR YR 1976 MEAN 2.76 MAX 4.55 MIN .20

NOTE.--Negative figures indicate reverse flow. No deflection record Feb. 8 to Mar. 17.

WACCASASSA RIVER AND COASTAL AREA BETWEEN WITHLACOOCHEE AND SUWANNEE RIVERS

02313700 Waccasassa River near Gulf Hammock, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
TIDAL LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	-1.09	-.64	-1.00	-.06	-1.00	-.98	.55	-.19	-.14	-.04	-.29
2	-.03	-1.08	-.92	-.94	-1.21	-1.13	-1.10	-.31	-.14	.28	.36	-.34
3	-.65	-.85	-1.35	-.33	-.42	-1.09	-1.13	-.61	-.41	-.25	-.07	-.55
4	-.60	-.72	-1.20	-1.27	-.89	-.80	-.93	-1.01	-.22	.12	-.59	-.51
5	-.58	-.93	-1.02	-1.40	-.97	-1.11	-.53	-1.41	-.56	.37	-.53	-.41
6	-.42	-.76	-.84	-1.14	-.87	-.83	-.66	-.79	-1.03	.30	-.49	-.17
7	-.14	-.20	-.81	-.63	-.71	-.65	-1.08	-.54	-.74	-.47	-.45	-.35
8	.27	-.26	-.46	.22	-.98	-.87	-1.06	-.11	-.58	-.49	-.41	-.20
9	-.10	.08	-.07	-1.54	-.60	.21	-.90	-.59	-.61	-.47	-.15	-.45
10	-.28	.03	-.02	-1.52	-1.29	-.28	-1.10	-.56	-.59	-.55	.28	-.31
11	-.21	.36	-.27	-1.10	-1.25	-1.18	-.56	-.40	.40	-.25	-.35	-.67
12	-.04	.83	-.24	-1.07	-1.33	-1.32	-.60	.25	-.70	.22	-.51	-.61
13	-.16	.07	-.73	-1.22	-1.58	-.90	-.89	-.59	-.60	.17	-.42	-1.18
14	.05	-1.34	-.55	-1.13	-1.75	-1.22	-.22	-.71	-.98	.27	-.27	-.20
15	.18	-1.29	-.59	-1.84	-1.68	-1.02	-.57	.31	-1.00	.17	.09	.10
16	.15	-.91	-.50	-1.28	-1.37	-.42	-.91	.04	-.62	-.13	-.03	.14
17	2.10	-.99	-.07	-.86	-1.15	-1.95	-.66	.59	-.13	-.21	-.10	-.07
18	.52	-1.17	-.86	-1.89	-.55	-1.52	-.55	-.31	-.26	.08	-1.46	-.21
19	-.51	-1.09	-1.94	-1.92	-1.04	-1.38	-.70	-1.08	-.04	-.08	-1.28	-.46
20	-.94	-.73	-1.32	-1.55	-.50	-.87	-.74	-.97	.41	-.40	-.54	-.34
21	-.91	-.38	-1.04	-1.01	-1.14	-.96	-.50	-.31	.39	-.57	-.64	.05
22	-.67	-1.15	-.95	-1.01	-.41	-.91	-.21	.17	-.08	-.62	-.54	-.06
23	-.62	-.93	-.62	-1.06	-1.50	-1.30	-.28	1.47	-.41	-.76	-.74	-.24
24	-.71	-.98	-.62	-.81	-1.91	-1.77	-.36	.01	-.45	-.54	-.90	-.41
25	-.73	-.72	.07	-.81	-2.11	-.94	.62	-.06	-.50	-.52	-.40	-.40
26	-.30	-.45	.47	-.53	-1.40	-.76	-.20	-.35	.50	.15	-.24	-.16
27	-.39	.41	-.45	-.89	-1.43	-.14	-.80	-.51	-.66	-.54	-.43	.00
28	-.97	-.40	-.98	-1.92	-1.38	-.50	-.60	.30	-.62	-.40	-.47	-.26
29	-.48	-.84	-1.43	-1.49	-1.19	-.58	-1.00	1.27	-.65	-.35	-.44	.13
30	-.46	-.69	-.62	-1.25	---	-.50	-.80	.05	-.26	-.20	-.31	.25
31	-1.38	---	.31	-.96	---	.05	---	-.32	---	-.15	-.68	---
MEAN	-.29	-.61	-.65	-1.13	-1.13	-.89	-.67	-.21	-.38	-.19	-.41	-.27
MAX	2.10	.83	.47	.22	-.06	.21	.62	1.47	.50	.37	.36	.25
MIN	-1.38	-1.34	-1.94	-1.92	-2.11	-1.95	-1.13	-1.41	-1.03	-.76	-1.46	-1.18

CAL YR 1975 MEAN -.33 MAX 2.10 MIN -1.94
WTR YR 1976 MEAN -.57 MAX 2.10 MIN -2.11

NOTE.--Negative figures indicate reverse flow. No deflection record Feb. 8 to Mar. 17.

WACCASASSA RIVER AND COASTAL AREA BETWEEN WITHLACOOCHEE AND SUWANNEE RIVERS

02314200 Tenmile Creek at Lebanon Station, Fla.

LOCATION.--Lat 29°09'39", long 82°38'21", in SE¼ sec.24, T.15 S., R.16 E., Levy County, Hydrologic Unit 03110101, near center of span on downstream side of bridge on U.S. Highways 19 and 98, just downstream from North Prong Tenmile Creek, 0.2 mi (0.3 km) south of Lebanon Station, 9.4 mi (15.1 km) upstream from mouth, and 13 mi (21 km) northwest of Dunnellon.

DRAINAGE AREA.--26 mi^2 (67 km^2), approximately; 34 mi^2 (88 km^2), approximately, including Horse Hole Creek.

PERIOD OF RECORD.--October 1963 to current year.

GAGE.--Water-stage recorder. Datum of gage is 15.00 ft (4.572 m) above mean sea level.

AVERAGE DISCHARGE.--13 years, 37.6 ft^3/s (1.065 m^3/s), 27,240 acre-ft/yr (33.6 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 428 ft^3/s (12.1 m^3/s) June 23 (gage height, 9.07 ft or 2.765 m); minimum, 0.15 ft^3/s (0.004 m^3/s) May 13, 14 (gage height, 3.15 ft or 0.960 m).

Period of record: Maximum discharge, 4,290 ft^3/s (121 m^3/s) Sept. 11, 1964 (gage height, 12.38 ft or 3.773 m); no flow for many days in 1964, 1967; minimum gage height, 3.00 ft (0.914 m) June 16, 17, 1975.

Period of record: (Horse Hole Creek): Maximum discharge measured, 1,270 ft^3/s (36.0 m^3/s) Sept. 11 1964 (elevation, 26.56 ft or 8.095 m above mean sea level); no flow at times each year (dry).

REMARKS.--Records fair except those for period of no gage-height record, which are poor. Records do not include considerable amount of water diverted naturally above station into Horse Hole Creek basin. Discharge measurements of Horse Hole Creek, drainage area 8.1 mi^2 (21.0 km^2), approximately, are made at bridge on U.S. Highways 19 and 98, 1.9 mi (3.1 km) south of Tenmile Creek station.

Discharge measurements, in cubic feet per second, of Horse Hole Creek near Lebanon Station for water year 1975-76 are given in table below:

Date	Discharge in CFS	Date	Discharge in CFS
Oct 07	16	May 19	3.6
Dec 03	.04	July 30	1.9
Jan 30	.60	Sept 09	.10
Mar 18	.04		

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79	8.0	6.0	17	18	1.0	.26	.24	32	145	16	7.3
2	59	7.0	5.5	17	32	.95	.24	.25	25	303	29	7.4
3	48	6.5	4.5	16	23	.90	.23	.24	21	228	76	7.2
4	40	6.0	3.9	15	20	.85	.23	.22	18	152	94	22
5	110	5.5	3.6	14	18	.80	.23	.20	17	103	149	24
6	175	5.0	3.3	18	17	.80	.28	.20	13	70	169	23
7	165	5.0	3.0	30	15	.75	.44	.20	10	48	116	25
8	144	7.0	2.6	29	14	.70	2.1	.19	7.4	36	73	28
9	111	6.0	2.3	30	12	.65	6.8	.21	5.1	30	46	27
10	81	5.5	2.1	26	11	.60	4.6	.21	3.2	27	31	24
11	65	5.0	1.8	23	9.6	.55	2.4	.19	2.2	25	24	24
12	50	5.0	1.6	22	8.7	.50	1.2	.17	3.7	23	24	20
13	40	20	1.5	20	8.0	.45	.76	.17	4.7	21	35	18
14	30	30	1.4	18	7.2	.40	.76	.26	3.0	18	23	20
15	25	25	1.2	16	6.4	.38	1.8	4.1	1.5	15	31	19
16	20	20	1.1	15	5.8	.40	1.0	34	2.8	13	63	17
17	20	15	.97	16	5.3	.38	.66	65	2.5	10	154	14
18	30	12	.97	14	4.6	.34	.52	68	1.5	12	169	12
19	40	10	.88	12	4.0	.34	.40	41	.97	9.3	122	9.8
20	40	9.0	.82	11	3.5	.32	.32	27	3.5	7.5	89	7.8
21	30	8.0	.85	11	3.0	.30	.29	20	21	11	63	6.9
22	25	7.0	.85	9.7	3.0	.30	.27	50	46	18	45	6.9
23	20	8.0	.82	8.7	2.5	.30	.26	71	362	52	33	5.7
24	15	10	.79	7.9	2.0	.29	.25	126	303	29	26	4.7
25	12	9.0	.76	7.4	1.8	.29	.24	203	203	19	23	4.1
26	10	6.0	1.4	6.9	1.6	.28	.42	230	126	15	23	3.6
27	9.0	8.0	3.0	8.4	1.4	.28	.46	157	81	12	21	2.8
28	8.0	7.5	2.6	14	1.2	.29	.44	109	55	15	18	2.1
29	10	7.0	2.1	12	1.1	.28	.32	83	51	19	14	1.5
30	10	6.5	9.0	10	---	.26	.26	60	42	16	11	5.8
31	9.0	---	12	9.4	---	.25	---	43	---	15	8.1	---
TOTAL	1530.0	291.5	83.21	484.4	260.7	15.18	27.44	1394.05	1468.07	1516.8	1818.1	400.6
MEAN	49.4	9.72	2.68	15.6	8.99	.49	.91	45.0	48.9	48.9	58.6	13.4
MAX	175	30	12	30	32	1.0	5.8	230	362	303	169	28
MIN	8.0	5.0	.76	6.9	1.1	.25	.23	.17	.97	7.5	8.1	1.5
AC-FT	3030	578	165	961	517	30	54	2770	2910	3010	3610	795

CAL YR 1975 TOTAL 4436.61 MEAN 12.2 MAX 562 MIN .05 AC-FT 8800
WTR YR 1976 TOTAL 9290.05 MEAN 25.4 MAX 362 MIN .17 AC-FT 18430

PEAK DISCHARGE (BASE, 300 CFS).--June 23 (0700) 428 cfs (9.07 ft), July 2 (0300) 327 cfs (8.79 ft).

NOTE.--No gage-height record Oct. 11 to Dec. 2.

SUWANNEE RIVER BASIN ABOVE WITHLACOOCHEE RIVER EXCLUDING ALAPAHA RIVER BASIN

02314986 Rocky Creek near Belmont, Fla.

LOCATION.--Lat 30°32'40", long 82°44'02", in SE¼ sec.29, T.2 N., R.16 E., Hamilton County, Hydrologic Unit 03110201, at bridge on county road, 1.4 mi (2.3 km) upstream from mouth, 3.0 mi (4.8 km) north of Belmont, and 12 mi (19 km) east of Bakers Mill.

DRAINAGE AREA.--50 mi^2 (130 km^2), approximately.

PERIOD OF RECORD.--August 1970 to April 1976, (discharge measurements only). May to September 1976.

GAGE.--Water-stage recorder. Datum of gage is 86.64 ft (26.408 m) above mean sea level. Prior to May 19, 1976, nonrecording gage at same site and datum.

EXTREMES.--Maximum discharge during period May to September 1976, 218 ft^3/s (6.17 m^3/s) May 26 (gage height 6.90 ft or 1.881 m); maximum gage height, 8.27 ft (2.521 m) June 2 (backwater from Suwannee River); minimum discharge, 0.08 ft^3/s (0.002 m) Aug. 12. (gage height 1.48 ft or 0.451 m).

Period of record: Maximum discharge measured, 2410 ft^3/s (68.3 m/^{3}s) Apr. 6, 1973; no flow Dec. 7, 1973, Aug. 7, 11, 1976.

REMARKS.--Records poor. Flow affected by backwater from Suwannee River.

REVISIONS.--WRD Fla. 1975: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, FOR PERIOD OCTOBER 1975 TO APRIL 1976

Dec. 9	.25	Apr. 6	10
Feb. 3	14	May 3	.16

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								---	62	15	.19	.27
2								---	95	26	.19	.37
3								---	175	74	.19	.37
4								---	145	43	.27	.32
5								---	120	28	.23	.32
6								---	100	21	.19	.27
7								---	85	17	.16	.37
8								---	65	14	.23	.32
9								---	55	11	.19	.27
10								---	45	8.9	.23	.37
11								---	38	17	.19	.44
12								---	31	16	.16	.37
13								---	27	11	.61	.32
14								---	22	7.3	3.5	.61
15								---	18	5.4	5.4	.61
16								---	16	4.1	3.5	.44
17								---	16	3.3	2.3	.37
18								---	23	2.7	1.6	.32
19								2.8	17	2.2	1.2	.37
20								2.2	18	1.7	1.0	.37
21								1.6	26	1.4	.72	.27
22								3.3	41	1.2	.44	.32
23								71	37	1.0	.32	.37
24								163	32	.72	.27	.72
25								187	25	.44	.23	1.2
26								225	21	.32	.32	1.0
27								170	16	.27	.23	.44
28								140	13	.23	.19	5.1
29								190	12	.23	.19	2.9
30								110	15	.23	.23	1.2
31								80	---	.23	.27	---
TOTAL								---	1411	334.87	24.94	20.99
MEAN								---	47.0	10.8	.80	.70
MAX								---	175	74	5.4	5.1
MIN								---	12	.23	.16	.27

SUWANNEE RIVER ABOVE WITHLACOOCHEE RIVER EXCLUDING ALAPAHA RIVER BASIN

02315000 Suwannee River near Benton, Fla.

LOCATION.--Lat 30°30'26", long 82°42'59", in NE¼ sec.9, T.1 N., R.16 E., Columbia County, Hydrologic Unit 03110201, near center of channel on downstream side of bridge on State Highway 6, 3.7 mi (6 km) northwest of Benton, 6.4 mi (10.3 km) south of Fla.-Ga. stateline, 13.7 mi (22 km) east of Jasper and 196 mi (315 km) upstream from mouth.

DRAINAGE AREA.--2,090 m^2 (5,413 km^2) revised, approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--October 1975 to September 1976. Miscellaneous discharge measurements for some periods July 1934 to September 1975. Records for December 1931 to June 1934, at site 2.0 mi (3.2 km) upstream (at Turner Bridge) not equivalent owing to difference in drainage areas.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level. Dec. 8, 1931 to June 30, 1934, nonrecording gage at site 2.0 mi (3.2 km) upstream at datum unknown, not equivalent owing to difference in drainage area.

EXTREMES.--Current year: Maximum discharge, 6,800 ft^3/s (193 m^3/s) June 3 (gage height, 92.26 ft or 28.121 m); minimum, 157 ft^3/s (4.45 m^3/s) Apr. 30 (gage height, 75.34 ft or 22.964 m).

Period of record: Maximum discharge measured, 27,700 ft^3/s (784 m^3/s) Apr. 6, 1973; maximum (gage height, 102.80 ft or 31.333 m); minimum, 157 ft^3/s (4.45 m^3/s) Apr. 30, 1976 (gage height, 75.34 or 22.964 m).

REMARKS.--Records good except those for periods of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1310	728	267	418	1510	740	976	158	6710	1840	745	752
2	1250	728	248	527	1620	699	936	164	6760	1820	752	743
3	1190	677	252	556	1740	653	921	228	6800	2250	880	733
4	1130	645	238	558	1800	621	916	238	6590	2510	911	802
5	1090	621	228	566	1880	576	894	217	6360	3000	838	872
6	1050	596	226	576	1950	546	869	209	5920	3010	718	859
7	1410	568	226	601	1990	515	869	200	5590	3120	576	951
8	1500	541	232	609	2020	505	875	238	5250	3150	512	1290
9	1390	539	238	640	2020	1030	882	280	4560	3120	466	1410
10	1330	546	234	685	2010	1610	869	317	4060	3090	474	1340
11	1320	527	238	713	2000	1650	805	317	3600	3020	480	1280
12	1300	517	240	735	1970	1590	718	291	3140	2920	485	1140
13	1250	489	242	752	1910	1480	699	246	2760	2700	451	1250
14	1210	485	246	767	1850	1360	632	244	2410	2470	640	1250
15	1130	471	248	780	1740	1230	583	440	2100	2200	701	1460
16	1080	451	244	787	1680	1230	539	640	1860	2080	699	1570
17	1050	437	244	795	1580	1370	503	790	1620	1920	699	1490
18	1130	426	244	802	1480	1440	449	919	1540	1720	704	1420
19	1150	413	226	815	1400	1430	416	907	1540	1600	745	1350
20	1110	405	222	815	1340	1390	379	892	1450	1480	790	1280
21	1060	387	222	807	1260	1330	347	877	1340	1440	795	1200
22	1030	369	236	790	1170	1250	317	1140	1400	1370	797	1100
23	1000	357	252	772	1050	1200	288	1820	1420	1400	790	1040
24	981	347	218	762	996	1170	276	2590	1420	1380	782	1020
25	946	338	200	750	996	1130	248	3350	1450	1320	777	1040
26	916	324	215	738	941	1070	232	3960	1420	1250	760	1180
27	890	308	252	790	894	1030	215	4570	1390	1150	777	1410
28	854	301	254	1010	815	1040	196	5100	1570	1040	802	1550
29	828	286	258	1290	765	1050	169	5680	1870	946	790	1580
30	792	280	265	1340	---	1030	157	6170	1920	880	762	1570
31	757	---	319	1410	---	1000	---	6460	---	810	752	---
TOTAL	34434	14107	7474	23956	44377	33965	17175	49652	95820	62006	21850	35932
MEAN	1111	470	241	773	1530	1096	573	1602	3194	2000	705	1198
MAX	1500	728	319	1410	2020	1650	976	6460	6800	3150	911	1580
MIN	757	280	200	418	765	505	157	158	1340	810	451	733
CFSM	.53	.22	.12	.37	.73	.52	.27	.77	1.53	.96	.34	.57
IN.	.61	.25	.13	.43	.79	.60	.31	.88	1.71	1.10	.39	.64

WTR YR 1976 TOTAL 440748 MEAN 1204 MAX 6800 MIN 157 CFSM .58 IN 7.84

SUWANNEE RIVER ABOVE WITHLACOOCHEE RIVER EXCLUDING ALAPAHA RIVER BASIN

02315000 Suwannee River near Benton, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80.07	77.80	75.94	76.58	80.75	77.85	78.79	75.35	92.14	81.80	77.87	77.90
2	79.85	77.80	75.85	77.00	81.13	77.68	78.63	75.39	92.20	81.74	77.90	77.86
3	79.62	77.59	75.87	77.12	81.50	77.50	78.57	75.75	92.26	83.05	78.40	77.82
4	79.42	77.47	75.80	77.13	81.70	77.38	78.55	75.80	91.99	83.80	78.53	78.10
5	79.25	77.38	75.75	77.16	81.94	77.20	78.46	75.69	91.67	85.12	78.24	78.37
6	79.08	77.28	75.74	77.20	82.14	77.08	78.36	75.65	91.03	85.15	77.76	78.32
7	80.40	77.17	75.74	77.30	82.28	76.95	78.36	75.60	90.50	85.45	77.20	78.69
8	80.72	77.06	75.77	77.33	82.38	76.91	78.38	75.80	89.95	85.53	76.94	79.98
9	80.36	77.05	75.80	77.45	82.38	79.00	78.41	76.00	88.72	85.45	76.75	80.40
10	80.14	77.08	75.78	77.62	82.35	81.10	78.36	76.17	87.70	85.36	76.78	80.18
11	80.10	77.00	75.80	77.74	82.32	81.23	78.11	76.17	86.65	85.18	76.80	79.97
12	80.04	76.95	75.81	77.83	82.23	81.02	77.76	76.05	85.48	84.92	76.82	79.46
13	79.85	76.84	75.82	77.90	82.03	80.66	77.68	75.84	84.50	84.33	76.70	79.87
14	79.70	76.82	75.84	77.96	81.86	80.25	77.42	75.83	83.51	83.70	77.45	79.86
15	79.42	76.77	75.85	78.01	81.49	79.80	77.23	76.66	82.62	82.91	77.69	80.60
16	79.22	76.70	75.83	78.04	81.30	79.80	77.05	77.45	81.87	82.54	77.68	80.95
17	79.10	76.65	75.83	78.07	80.98	80.28	76.90	78.05	81.13	82.06	77.68	80.70
18	79.41	76.61	75.83	78.10	80.65	80.51	76.69	78.56	80.85	81.44	77.70	80.44
19	79.48	76.56	75.74	78.15	80.39	80.47	76.57	78.51	80.84	81.05	77.87	80.20
20	79.31	76.53	75.72	78.15	80.18	80.35	76.43	78.45	80.55	80.67	78.05	79.95
21	79.11	76.46	75.72	78.12	79.89	80.15	76.30	78.39	80.17	80.53	78.07	79.66
22	79.01	76.39	75.79	78.05	79.55	79.86	76.17	79.45	80.39	80.28	78.08	79.30
23	78.89	76.34	75.87	77.98	79.10	79.68	76.04	81.75	80.45	80.37	78.05	79.03
24	78.81	76.30	75.70	77.94	78.87	79.55	75.98	84.03	80.46	80.30	78.02	78.97
25	78.67	76.26	75.60	77.89	78.87	79.40	75.85	86.02	80.56	80.10	78.00	79.05
26	78.55	76.20	75.68	77.84	78.65	79.15	75.77	87.48	80.45	79.84	77.93	79.60
27	78.44	76.13	75.87	78.05	78.46	79.00	75.68	88.75	80.35	79.47	78.00	80.40
28	78.30	76.10	75.88	78.93	78.15	79.04	75.58	89.70	80.95	79.06	78.10	80.88
29	78.20	76.03	75.90	79.98	77.95	79.08	75.42	90.65	81.90	78.67	78.05	81.00
30	78.06	76.00	75.93	80.16	---	79.02	75.34	91.39	82.05	78.40	77.94	80.95
31	77.92	---	76.18	80.41	---	78.90	---	91.81	---	78.13	77.90	---
MEAN	79.31	76.78	75.81	77.97	80.74	79.22	77.16	79.94	84.80	82.14	77.71	79.62
MAX	80.72	77.80	76.18	80.41	82.38	81.23	78.79	91.81	92.26	85.53	78.53	81.00
MIN	77.92	76.00	75.60	76.58	77.95	76.91	75.34	75.35	80.17	78.13	76.70	77.82

WTR YR 1976 MEAN 79.25 MAX 92.26 MIN 75.34

SUWANNEE RIVER BASIN ABOVE WITHLACOOCHEE RIVER EXCLUDING ALAPAHA RIVER BASIN

02315005 Hunter Creek near Belmont, Fla.

LOCATION.--Lat 30°29'08", long 82°42'44", in SE¼ sec.16, T.1 N., R.16 E., Hamilton County, Hydrologic Unit 03110201, at bridge on State Highway 135, 0.8 mi (1.3 km) upstream from mouth, 1.6 mi (2.6 km) southeast of Belmont, and 12 mi (19 km) east of Bakers Mill.

DRAINAGE AREA.--25.4 mi² (66 km²).

PERIOD OF RECORD.--Discharge measurements: 1970 (one discharge measurement), August 1971 to current year. Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording. Altitude of gage is 100 ft (30.48 m) from topographic map.

EXTREMES.--Period of record: Discharge (1970-76): Maximum discharge measured, 425 ft³/s (12.0 m³/s) June 26, 1972; minimum measured, 1.3 ft³/s (0.37 m³/s) Dec. 4, 1974.
Water temperature (1975-76: Maximum temperature observed, 26.5 °C Aug. 4 and 30, 1976, minimum observed, 10.0°C Feb. 3, 1976.

REMARKS.--Possible interchange of water between Hunter Creek, Swift Creek, and Roaring Creek basins due to release from diked phosphate mining area encompassing parts of the three basins. Flow may contain some gound water used for phosphate mining. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

REVISIONS.--WRD Fla. 1975: Drainage area.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
DEC. 8...	1.6	16.5
FEB. 3...	12	10.0
APR. 5...	2.5	19.0
MAY 3...	2.4	20.5
MAY 21...	8.7	21.5
JUNE 3...	13	23.0
JULY 6...	9.2	25.5
AUG. 4...	17	26.5
AUG. 30...	7.6	26.5

SUWANNEE AND AUCILLA RIVERS

SUWANNEE RIVER BASIN ABOVE WITHLACOOCHEE RIVER EXCLUDING ALAPAHA RIVER BASIN

02315200 Deep Creek near Suwannee Valley, Fla.

LOCATION.--Lat 30°21'55", long 82°37'13", in NW¼ sec.33, T.1 S., R.17 E., Columbia County, Hydrologic Unit 03110201, near left bank on upstream side of bridge on U.S. Highway 441, 4.0 mi (6.4 km) upstream from mouth, 7.0 mi (11.3 km) east of Suwannee Valley and 12.5 mi (20.1 km) north of Lake City, Fla.

DRAINAGE AREA.--88.6 mi² (229.5 km²).

PERIOD OF RECORD.--April to September 1976. Miscellaneous discharge measurements for some periods prior to April 1976.

GAGE.--Water-stage recorder. Datum of gage is 82.56 ft (25.165 m) above mean sea level, (levels by L. L. Lee and Associates).

EXTREMES.--Maximum discharge during period April to September 1976, 538 ft³/s (15.2 m³/s) May 24 (gage height, 10.40 or 3.170 m); minimum, 0.28 ft³/s (0.008 m³/s) Apr. 25 (gage height, 2.55 ft or 0.777 m).

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							3.4	7.9	134	255	5.5	4.7
2							3.0	8.8	122	201	4.3	3.4
3							3.0	9.1	106	155	4.9	2.5
4							3.4	7.0	89	120	6.3	1.9
5							4.5	4.6	78	100	4.7	1.9
6							5.0	2.5	69	85	3.4	3.2
7							5.8	1.6	60	72	4.7	7.3
8							5.2	1.6	49	77	5.3	10
9							4.6	17	41	124	5.0	9.1
10							3.1	19	33	166	4.0	8.2
11							2.5	15	27	170	3.0	8.5
12							1.7	11	21	122	2.5	7.6
13							1.4	9.7	16	84	2.3	7.9
14							.97	16	13	68	3.2	9.4
15							1.1	60	11	53	3.0	10
16							3.1	247	10	41	6.6	9.7
17							3.4	357	12	36	15	8.8
18							2.7	323	16	49	9.6	7.9
19							1.9	235	17	38	4.2	7.0
20							1.5	177	16	31	3.4	6.1
21							1.1	133	18	26	3.1	5.2
22							.97	116	18	29	2.5	4.9
23							.73	259	18	25	1.9	4.3
24							.49	512	20	20	1.6	6.7
25							.73	446	16	16	1.4	10
26							13	470	12	14	1.4	54
27							23	405	9.3	11	1.4	37
28							18	302	82	10	1.2	27
29							14	247	402	8.5	1.1	22
30							10	201	313	7.6	1.4	18
31							---	165	---	6.4	6.7	---
TOTAL				---			143.29	4784.8	1848.3	2220.5	124.6	324.2
MEAN				---			4.78	154	61.6	71.6	4.02	10.8
MAX				---			23	512	402	255	15	54
MIN				---			.49	1.6	9.3	6.4	1.1	1.9
CFSM				---			.05	1.74	.70	.81	.05	.12
IN.				---			.06	2.01	.78	.93	.05	.14

SUWANNEE RIVER BASIN ABOVE WITHLACOOCHEE RIVER EXCLUDING APAPAHA RIVER BASIN

02315392 Robinson Creek near Suwannee Valley, Fla.

LOCATION.--30°18'56", long 82°38'41", in NE¼ sec.18, T.2 S., R.17 E., Columbia County, Hydrologic Unit 03110201, near center of span on downstream side of bridge on State Highway 246, 3.4 mi (5.5 km) upstream from mouth, 4.0 mi (6.4 km) northeast of Suwannee Valley and 8.7 mi (1.4 km) north of Lake City, Fla.

DRAINAGE AREA.--27.4 mi² (71.0 km²).

PERIOD OF RECORD.--April to September 1976.

GAGE.--Waterstage recorder. Datum of gage is 93.54 ft (28.510 m) above mean sea level(levels by L. L. Lee and Associate, Florida Department of Transportation bench mark, levels, by U.S. Geological Survey). Prior to Apr. 8, 1976, nonrecording gage at site 0.3 mi (0.5 km) upstream, at datum unknown.

EXTREMES.--Maximum discharge during period April to September 1976, 299 ft³/s (8.47 m³/s) May 23 (gage height, 6.67 ft or 2.033 m); minimum, 0.52 ft³/s (0.02 m³/s) Apr. 25; minimum gage height, 0.68 ft (0.207 m) Aug. 24.

REMARKS.--Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							1.0	1.2	37	81	3.5	1.5
2							.86	1.3	41	61	3.2	1.4
3							.72	1.2	35	46	3.1	1.3
4							.72	.77	28	36	2.6	1.3
5							1.0	.59	24	29	2.8	1.7
6							1.4	.45	22	25	2.5	1.6
7							1.8	.41	16	33	2.2	2.2
8							2.0	.49	13	38	2.6	1.8
9							1.6	2.6	10	50	2.6	1.6
10							1.2	1.8	8.4	55	2.4	1.5
11							.83	1.1	7.0	41	2.0	2.4
12							.74	.69	5.7	35	1.7	2.4
13							.56	1.7	4.7	33	1.6	2.1
14							.59	7.6	3.9	31	1.6	2.8
15							.89	91	3.5	27	1.6	2.7
16							1.8	144	4.4	22	1.5	2.4
17							1.4	175	4.2	18	1.5	2.0
18							1.1	100	4.0	37	1.3	1.8
19							.77	44	3.4	31	1.3	1.6
20							.59	25	3.8	25	1.3	1.5
21							.47	17	4.9	23	1.3	1.4
22							.37	21	4.2	21	1.2	1.3
23							.31	171	4.1	19	1.2	1.5
24							.27	244	3.6	15	1.2	2.6
25							.56	214	3.2	12	1.2	17
26							18	177	2.8	9.8	1.2	237
27							8.9	124	2.4	7.9	1.2	139
28							5.0	88	2.8	6.2	1.2	64
29							2.9	69	55	5.1	1.1	38
30							1.7	55	108	4.3	1.4	28
31							---	44	---	3.9	2.3	---
TOTAL							60.05	1824.90	470.0	881.2	57.4	567.4
MEAN							2.00	58.9	15.7	28.4	1.85	18.9
MAX							18	244	108	81	3.5	237
MIN							.27	.41	2.4	3.9	1.1	1.3
CFSM							.07	2.15	.57	1.04	.07	.69
IN.							.08	2.48	.64	1.20	.08	.77

SUWANNEE AND AUCILLA RIVERS

SUWANNEE RIVER BASIN ABOVE WITHLACOOCHEE RIVER EXCLUDING APAPAHA RIVER BASIN

02315392 Robinson Creek near Suwannee Valley, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							1.05	1.09	3.63	4.50	1.67	.93
2							1.00	1.10	3.74	4.06	1.60	.84
3							.95	1.10	3.58	3.65	1.57	.80
4							.95	.97	3.35	3.33	1.54	.78
5							1.05	.90	3.21	3.09	1.47	1.03
6							1.15	.84	3.04	2.92	1.38	.99
7							1.24	.82	2.84	2.95	1.27	1.27
8							1.28	.86	2.66	3.36	1.41	1.09
9							1.20	1.39	2.46	3.67	1.41	.97
10							1.04	1.25	2.30	3.78	1.33	.92
11							.99	1.08	2.17	3.60	1.15	1.34
12							.96	.94	2.03	3.48	1.05	1.33
13							.89	1.23	1.89	3.42	.99	1.23
14							.90	1.95	1.75	3.37	.97	1.49
15							1.01	3.90	1.65	3.26	.96	1.46
16							1.24	5.44	1.84	3.09	.90	1.33
17							1.16	5.77	1.81	2.95	.92	1.19
18							1.05	4.89	1.78	3.62	.83	1.07
19							.97	3.78	1.65	3.42	.79	.97
20							.90	3.06	1.73	3.23	80	.90
21							.85	2.63	1.92	3.16	.78	.86
22							.80	2.77	1.81	3.08	.75	.82
23							.77	5.40	1.80	2.97	.72	.90
24							.75	6.30	1.70	2.78	.71	1.30
25							.99	6.03	1.61	2.59	.74	2.45
26							2.68	5.71	1.48	2.41	.75	5.93
27							2.08	5.16	1.36	2.24	.71	5.00
28							1.70	4.67	1.42	2.09	.70	3.94
29							1.43	4.35	4.03	1.94	.69	3.35
30							1.22	4.09	4.91	1.84	.87	3.03
31							---	3.81	---	1.75	1.20	---
MEAN							1.14	3.01	2.37	3.08	1.05	1.65
MAX							2.68	6.30	4.91	4.50	1.67	5.93
MIN							.75	.82	1.36	1.75	.69	.78

SUWANNEE RIVER ABOVE WITHLACOOCHEE RIVER EXCLUDING ALAPAHA RIVER BASIN

02315500 Suwannee River at White Springs, Fla.

LOCATION.--Lat 30°19'32", long 82°44'18", in SW¼ sec.8, T.2 S., R.16 E., Columbia County, Hydrologic Unit 03110201, on left bank at downstream side of bridge on U.S. Highway 41, 1.0 mi (1.6 km) southeast of White Springs and 171 mi (275 km) upstream from mouth.

DRAINAGE AREA.--2,430 mi² (6,290 km²), approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--May 1906 to December 1908, February 1927 to current year.

GAGE.--Water-stage recorder. Datum of gage is 48.54 ft (14.795 m) above mean sea level (Corps of Engineers bench mark). Prior to July 31, 1932, nonrecording gage at site 1.0 mi (1.6 km) downstream at same datum.

AVERAGE DISCHARGE.-- 51 years, 1,869 ft³/s (52.93 m³/s), 10.44 in/yr (265 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,920 ft³/s (168 m³/s) June 3 (gage height, 18.79 ft or 5.727 m); minimum, 178 ft³/s (5.04 m³/s) May 1, 2 (gage height, 2.59 ft or 0.789 m).
Period of record: Maximum discharge, 38,100 ft³/s (1,080 m³/s) Apr. 10, 1973 (gage height, 40.02 ft or 12.198 m); minimum 4.8 ft³/s (0.14 m³/s) Nov. 15, 1931; minimum gage height, 1.05 ft (0.320 m) June 24-26, 1955.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1504: 1906, 1908. WSP 1905; WRD Fla. 1975: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1540	788	321	576	1660	779	1060	190	5760	2370	779	761
2	1470	714	314	673	1770	740	1010	188	5850	2360	705	755
3	1400	691	305	688	1870	688	977	213	5910	2690	623	737
4	1320	665	303	645	1930	648	967	258	5880	2840	708	731
5	1250	645	292	617	2000	612	938	266	5790	2990	935	788
6	1200	626	283	593	2060	559	906	253	5620	3080	846	837
7	1260	601	275	617	2110	526	896	247	5360	3160	734	1080
8	1340	579	268	631	2130	562	903	260	5050	3210	604	1120
9	1400	576	268	659	2140	828	884	296	4690	3320	494	1340
10	1400	579	279	688	2120	1430	843	352	4270	3290	463	1380
11	1400	565	288	717	2100	1840	797	369	3840	3230	476	1390
12	1400	551	294	746	2080	1870	752	350	3420	3130	486	1340
13	1400	573	294	788	2040	1840	702	325	3040	2950	468	1310
14	1350	567	292	806	1980	1690	659	314	2710	2740	473	1310
15	1350	554	292	815	1900	1470	615	432	2380	2520	604	1320
16	1220	532	290	818	1820	1340	573	859	2170	2310	645	1370
17	1210	510	290	825	1710	1310	537	1280	2010	2150	645	1430
18	1200	491	290	828	1630	1400	491	1360	1880	2090	740	1410
19	1200	470	290	831	1540	1430	452	1260	1730	1920	791	1390
20	1190	455	286	831	1460	1440	420	1170	1620	1740	809	1370
21	1190	435	286	824	1390	1420	385	1080	1580	1640	825	1290
22	1180	425	288	828	1310	1390	357	1080	1620	1530	818	1200
23	1170	412	286	825	1230	1320	332	1800	1610	1490	806	1110
24	1140	400	283	815	1150	1270	310	3180	1590	1470	791	1040
25	1080	385	283	788	1080	1230	292	3900	1570	1440	773	1170
26	1030	371	294	761	1010	1180	307	4370	1540	1420	761	1410
27	989	357	314	818	947	1140	283	4730	1520	1270	761	1580
28	960	348	318	1020	887	1170	258	4990	1510	1130	767	1660
29	935	343	334	1210	831	1180	229	5260	1940	1040	776	1710
30	871	330	393	1440	---	1140	205	5470	2340	954	785	1720
31	831	---	481	1550	---	1100	---	5640	---	868	761	---
TOTAL	37876	15538	9374	25275	47885	36542	18340	51742	95800	68342	21652	37059
MEAN	1222	518	302	815	1651	1179	611	1669	3193	2205	698	1235
MAX	1540	788	481	1550	2140	1870	1060	5640	5910	3320	935	1720
MIN	831	330	268	576	831	526	205	188	1510	868	463	731
CFSM	.50	.21	.12	.34	.68	.49	.25	.69	1.31	.91	.29	.51
IN.	.58	.24	.14	.39	.73	.56	.28	.79	1.47	1.05	.33	.57

CAL YR 1975 TOTAL 951068 MEAN 2606 MAX 10800 MIN 268 CFSM 1.07 IN 14.56
WTR YR 1976 TOTAL 465425 MEAN 1272 MAX 5910 MIN 188 CFSM .52 IN 7.13

SUWANNEE RIVER ABOVE WITHLACOOCHEE RIVER EXCLUDING ALAPAHA RIVER BASIN

02315500 Suwannee River at White Springs, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.26	4.99	3.24	4.25	7.59	4.96	5.85	2.61	18.41	9.60	4.96	4.90
2	7.07	4.74	3.21	4.60	7.87	4.83	5.69	2.60	18.64	9.56	4.71	4.88
3	6.86	4.66	3.17	4.65	8.16	4.65	5.59	2.73	18.78	10.45	4.42	4.82
4	6.63	4.57	3.16	4.50	8.32	4.51	5.56	2.95	18.71	10.92	4.72	4.80
5	6.44	4.50	3.11	4.40	8.54	4.38	5.47	2.98	18.47	11.35	5.46	4.99
6	6.27	4.43	3.07	4.31	8.72	4.19	5.37	2.93	18.04	11.62	5.18	5.15
7	6.47	4.34	3.03	4.40	8.85	4.07	5.34	2.90	17.41	11.83	4.81	5.90
8	6.69	4.26	3.00	4.45	8.92	4.20	5.36	2.96	16.64	11.97	4.35	6.03
9	6.86	4.25	3.00	4.55	8.94	5.12	5.30	3.13	15.73	12.29	3.95	6.70
10	6.86	4.26	3.05	4.65	8.89	6.96	5.17	3.38	14.68	12.20	3.83	6.80
11	6.86	4.21	3.09	4.75	8.84	8.07	5.02	3.45	13.62	12.04	3.88	6.83
12	6.87	4.16	3.12	4.85	8.78	8.15	4.87	3.37	12.55	11.74	3.92	6.69
13	6.87	4.24	3.12	4.99	8.66	8.05	4.70	3.26	11.50	11.23	3.85	6.60
14	6.73	4.22	3.11	5.05	8.48	7.65	4.55	3.21	10.52	10.63	3.87	6.60
15	6.72	4.17	3.11	5.08	8.25	7.05	4.39	3.71	9.64	10.02	4.35	6.64
16	6.35	4.09	3.10	5.09	7.99	6.70	4.24	5.20	9.03	9.44	4.50	6.79
17	6.32	4.01	3.10	5.11	7.72	6.61	4.11	6.53	8.57	8.98	4.50	6.94
18	6.29	3.94	3.10	5.12	7.50	6.86	3.94	6.75	8.17	8.81	4.83	6.89
19	6.27	3.86	3.10	5.13	7.26	6.94	3.79	6.47	7.77	8.29	5.00	6.84
20	6.25	3.80	3.08	5.13	7.04	6.98	3.65	6.18	7.47	7.80	5.06	6.78
21	6.25	3.72	3.08	5.12	6.83	6.93	3.52	5.93	7.36	7.52	5.11	6.55
22	6.22	3.68	3.09	5.12	6.59	6.82	3.40	5.90	7.48	7.23	5.09	6.28
23	6.18	3.63	3.08	5.11	6.36	6.63	3.29	7.93	7.45	7.12	5.05	6.01
24	6.09	3.58	3.07	5.08	6.14	6.50	3.19	11.88	7.40	7.05	5.00	5.79
25	5.92	3.52	3.07	4.99	5.92	6.36	3.11	13.78	7.33	6.97	4.94	6.18
26	5.76	3.46	3.12	4.90	5.71	6.21	3.18	14.92	7.26	6.91	4.90	6.88
27	5.63	3.40	3.21	5.09	5.50	6.09	3.07	15.84	7.20	6.49	4.90	7.37
28	5.54	3.36	3.23	5.72	5.31	6.18	2.95	16.49	7.18	6.07	4.92	7.58
29	5.46	3.34	3.30	6.30	5.13	6.21	2.81	17.16	8.35	5.78	4.95	7.72
30	5.26	3.28	3.55	6.98	---	6.11	2.69	17.69	9.52	5.52	4.98	7.75
31	5.13	---	3.90	7.27	---	5.99	---	18.10	---	5.25	4.90	---
MEAN	6.33	4.02	3.15	5.06	7.55	6.16	4.31	7.19	11.70	9.12	4.67	6.36
MAX	7.26	4.99	3.90	7.27	8.94	8.15	5.85	18.10	18.78	12.29	5.46	7.75
MIN	5.13	3.28	3.00	4.25	5.13	4.07	2.69	2.60	7.18	5.25	3.83	4.80

CAL YR 1975 MEAN 9.96 MAX 28.77 MIN 3.00
WTR YR 1976 MEAN 6.29 MAX 18.78 MIN 2.60

SUWANNEE RIVER BASIN ABOVE WITHLACOOCHE RIVER EXCLUDING ALAPAHA RIVER BASIN

02315520 Swift Creek at Facil, Fla.

LOCATION.--Lat 30°22'14", long 82°48'00", in SE¼ sec.27, T.1 S., R.15 E., Hamilton County, Hydrologic Unit 03110201, near right bank on downstream side of bridge on U.S. Highway 41, 0.5 mi (0.8 km) northwest of Facil, 2.8 mi (4.5 km) upstream from mouth, and 3.0 mi (4.8 km) southeast of Genoa.

DRAINAGE AREA.--65.3 mi^2 (169.1 km^2).

PERIOD OF RECORD.--August 1969 to April 1976 (discharge measurements only). May to September 1976.

GAGE.--Water-stage recorder. Datum of gage is 86.43 ft (26.344 m) above mean sea level. Prior to May 20, 1976, nonrecording at same site and datum.

EXTREMES.--Maximum discharge during period May to September 1976, 275 ft^3/s (7.79 m^3/s) May 25 (gage height, 4.90 ft or 1.494 m); minimum, 4.1 ft^3/s (0.116 m^3/s) July 8; minimum gage height, 0.46 ft (0.140 m) June 14, 15.

Period of record: Maximum discharge measured, 1,180 ft^3/s (33.4 m^3/s) June 27, 1972 (gage height, 8.54 ft or 2.603 m observed); minimum, 4.1 ft^3/s (0.116 m^3/s) July 8, 1976; minimum gage height, 0.46 ft (0.140 m) June 14, 15, 1976.

REMARKS.--Records fair. Since about 1965 flow partly regulated by control structures on main stem, Altmans Bay canal, and unnamed tributary. Possible interchange of water between Swift Creek, Hunter Creek, and Roaring Creek basins due to releases from diked phosphate mining area encompassing parts of the three basins. Flow may contain some ground water used for phosphate mining.

REVISIONS.--WRD Fla. 1975: Drainage Area

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO APRIL 1976

Dec. 8	8.9	Apr. 5	65
Feb. 2	106	May 3	28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								---	53	21	48	15
2								---	49	33	55	24
3								---	49	62	74	20
4								---	48	38	93	31
5								---	36	30	86	36
6								---	32	18	53	40
7								---	29	13	48	64
8								---	27	9.6	25	39
9								---	25	11	42	38
10								---	24	14	69	41
11								---	23	32	60	71
12								---	20	47	48	71
13								---	14	38	60	77
14								---	10	38	71	77
15								---	11	38	52	89
16								---	11	36	39	70
17								---	22	34	31	61
18								---	23	55	36	57
19								---	25	64	45	48
20								42	28	60	54	23
21								36	31	41	58	11
22								40	49	36	35	15
23								125	37	20	33	10
24								211	48	25	47	18
25								237	38	6.0	52	38
26								190	26	29	45	66
27								140	15	49	44	43
28								129	13	28	59	74
29								122	22	26	59	80
30								87	19	46	33	67
31								70	---	49	7.4	---
TOTAL				---				---	857	1046.6	1561.4	1414
MEAN				---				---	28.6	33.8	50.4	47.1
MAX				---				---	53	64	93	89
MIN				---				---	10	6.0	7.4	10
CFSM				---				---	.44	.52	.77	.72
IN.				---				---	.49	.60	.89	.81

SUWANNEE RIVER BASIN ABOVE WITHLACOOCHEE RIVER

02315550 Suwannee River at Suwannee Springs, Fla.

LOCATION.--Lat 30°23'34", long 82°56'00", in NE¼ sec.20, T.1S., R.14E., Suwannee County, Hydrologic Unit 03110201, on left bank at town of Suwannee Springs, 0.2 mi (0.3 km) upstream from Suwannee Springs, 0.5 mi (0.8 km) upstream from bridge on U.S. Highway 129, 7.5 mi (12.1 km) north of Live Oak, and 150 mi (241 km) upstream from mouth.

DRAINAGE AREA.--2,630 mi² (6,810 km²), approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--October 1974 to September 1975. Prior to November 1960, six miscellaneous discharge measurements made in 1906, 1951 and 1956. November 1960 to September 1974 (gage heights and discharge measurements only); gage heights published since October 1962.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Dec. 13, 1960 to Apr. 26, 1972 and since Aug. 21, 1974, auxiliary nonrecording gage 0.3 mi (0.5 km) downstream from base gage at same datum.

EXTREMES.--Current year: Maximum discharge 6,240 ft³/s (177 m³/s) June 3 (gage height, 56.85 ft or 17.328 m); minimum, 280 ft³/s (7.93 m³/s) Dec. 9. (minimum gage height, 38.63 ft or 11.774 m) May 1, 3.

Period of record: Maximum discharge, 30,100 ft³/s (852 m³/s) Apr. 12, 1973 (gage height, 78.91 ft or 24.052 m, from floodmarks); minimum, 214 ft³/s (6.06 m³/s) Dec. 7, 1974; minimum measured discharge, 124 ft³/s (3.51 m³/s) Oct. 30, 1968; minimum gage height, 37.00 ft (11.278 m) estimated, Nov. 2, 3, 1968.

REMARKS.--Records good. From Jan. 19, 1963 to Oct. 29, 1968, H-pile dam with removable boards located approximately 500 ft (150 m) downstream from gage; the rise of Mar. 6, 1963, caused a washout at right end of dam.

REVISIONS.--WSP 2105: WRD Fla. 1975: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1680	807	343	576	1770	880	1300	318	5960	2500	958	815
2	1590	777	334	656	1960	819	1240	318	6120	2530	884	818
3	1510	737	325	719	2060	780	1200	318	6220	2660	828	810
4	1440	694	321	706	2120	732	1180	354	6230	2840	807	797
5	1380	663	311	669	2190	685	1160	392	6160	2970	963	847
6	1340	637	296	653	2270	648	1130	382	6010	3040	965	911
7	1800	621	297	674	2310	608	1100	372	5770	3110	813	948
8	1910	611	285	704	2340	572	1090	382	5470	3160	727	1060
9	1780	623	285	770	2360	734	1080	398	5140	3240	661	1260
10	1690	615	294	794	2350	1330	1040	438	4770	3270	685	1340
11	1680	611	292	823	2320	1840	1000	486	4420	3250	672	1360
12	1650	617	306	846	2310	1930	953	480	4060	3200	657	1360
13	1570	646	309	859	2270	1870	908	448	3710	3080	640	1330
14	1480	644	305	870	2220	1790	860	418	3320	2920	667	1320
15	1390	617	296	894	2150	1670	818	480	2970	2750	820	1350
16	1310	592	291	918	2070	1580	785	797	2660	2570	872	1370
17	1270	569	292	952	1970	1630	759	1300	2390	2400	815	1390
18	1380	531	301	957	1870	1730	725	1510	2160	2300	835	1420
19	1420	510	297	953	1800	1740	667	1430	2060	2180	867	1410
20	1340	496	297	956	1710	1710	614	1330	2010	1990	896	1360
21	1270	483	307	950	1620	1670	572	1230	1950	1810	903	1290
22	1230	458	299	917	1520	1610	518	1190	1970	1690	901	1210
23	1190	446	290	886	1410	1520	488	1580	1960	1650	881	1130
24	1150	433	285	868	1310	1470	468	2850	1970	1630	879	1070
25	1100	415	283	842	1230	1420	448	3720	2030	1590	872	1070
26	1060	402	308	826	1150	1380	454	4110	1990	1510	852	1280
27	1020	393	323	958	1080	1340	504	4520	1910	1420	847	1470
28	971	381	322	1150	1000	1370	466	4890	1850	1310	857	1550
29	935	367	334	1330	941	1420	408	5240	2060	1190	881	1630
30	889	355	365	1550	---	1410	350	5530	2390	1100	867	1650
31	842	---	467	1660	---	1360	---	5770	---	1030	840	---
TOTAL	42267	16751	9656	27886	53681	41248	24285	52981	107690	71890	25612	36626
MEAN	1363	558	311	900	1851	1331	810	1709	3590	2319	826	1221
MAX	1910	807	467	1660	2360	1930	1300	5770	6230	3270	965	1650
MIN	842	355	283	576	941	572	350	318	1850	1030	640	797
CFSM	.52	.21	.12	.34	.70	.51	.31	.65	1.37	.88	.31	.46
IN.	.60	.24	.14	.39	.76	.58	.34	.75	1.52	1.02	.36	.52

CAL YR 1975 TOTAL 984188 MEAN 2696 MAX 10200 MIN 283 CFSM 1.03 IN 13.92
WTR YR 1976 TOTAL 510573 MEAN 1395 MAX 6230 MIN 283 CFSM .53 IN 7.22

SUWANNEE AND AUCILLA RIVERS

SUWANNEE RIVER BASIN ABOVE WITHLACOOCHEE RIVER

02315550 Suwannee River at Suwannee Springs, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.30	41.68	39.52	40.68	44.60	41.95	43.00	38.66	56.17	46.73	41.84	41.26
2	44.04	41.56	39.47	41.05	45.16	41.72	42.76	38.66	56.56	46.81	41.54	41.27
3	43.78	41.40	39.43	41.33	45.45	41.57	42.61	38.65	56.80	47.19	41.31	41.24
4	43.55	41.22	39.40	41.28	45.65	41.38	42.54	38.83	56.83	47.70	41.23	41.19
5	43.36	41.09	39.36	41.12	45.83	41.19	42.47	39.00	56.67	48.06	41.85	41.39
6	43.23	40.97	39.28	41.04	46.05	41.02	42.36	38.98	56.29	48.28	41.86	41.65
7	44.67	40.89	39.27	41.14	46.18	40.83	42.25	38.94	55.70	48.47	41.24	41.80
8	45.02	40.84	39.23	41.27	46.26	40.66	42.21	39.01	54.94	48.61	40.90	42.24
9	44.62	40.90	39.23	41.53	46.30	41.37	42.16	39.11	54.09	48.83	40.63	42.97
10	44.38	40.86	39.27	41.63	46.28	43.36	41.99	39.32	53.16	48.92	40.74	43.23
11	44.33	40.84	39.26	41.74	46.20	44.86	41.86	39.58	52.18	48.86	40.68	43.31
12	44.27	40.88	39.33	41.83	46.17	45.06	41.65	39.57	51.15	48.72	40.61	43.30
13	44.05	41.01	39.35	41.87	46.07	44.88	41.46	39.42	50.11	48.39	40.53	43.21
14	43.79	41.00	39.33	41.91	45.91	44.63	41.25	39.29	49.07	47.92	40.66	43.18
15	43.55	40.87	39.28	42.01	45.71	44.27	41.08	39.61	48.06	47.45	41.28	43.25
16	43.32	40.75	39.26	42.08	45.48	44.00	40.94	41.05	47.19	46.93	41.49	43.33
17	43.19	40.65	39.26	42.20	45.20	44.14	40.84	42.96	46.40	46.42	41.26	43.41
18	43.53	40.46	39.31	42.22	44.91	44.44	40.69	43.71	45.74	46.15	41.34	43.49
19	43.62	40.35	39.29	42.20	44.69	44.48	40.45	43.47	45.45	45.79	41.47	43.46
20	43.42	40.28	39.29	42.21	44.42	44.36	40.19	43.14	45.31	45.25	41.59	43.31
21	43.20	40.22	39.33	42.19	44.17	44.24	39.99	42.82	45.15	44.73	41.62	43.05
22	43.08	40.09	39.30	42.08	43.90	44.05	39.71	42.70	45.21	44.36	41.61	42.78
23	42.95	40.03	39.25	41.97	43.62	43.77	39.56	44.16	45.17	44.22	41.53	42.48
24	42.85	39.96	39.23	41.91	43.33	43.58	39.45	47.74	45.21	44.17	41.52	42.27
25	42.69	39.87	39.22	41.81	43.07	43.42	39.34	50.08	45.36	44.06	41.49	42.28
26	42.55	39.81	39.34	41.75	42.84	43.28	39.37	51.31	45.26	43.81	41.41	43.02
27	42.42	39.76	39.42	42.21	42.61	43.13	39.61	52.43	45.03	43.51	41.39	43.67
28	42.26	39.71	39.41	42.83	42.37	43.24	39.42	53.44	44.85	43.12	41.43	43.93
29	42.14	39.64	39.47	43.38	42.16	43.40	39.12	54.35	45.45	42.70	41.53	44.17
30	41.98	39.58	39.63	43.98	---	43.36	38.83	55.08	46.41	42.38	41.47	44.22
31	41.81	---	40.14	44.28	---	43.18	---	55.67	---	42.12	41.35	---
MEAN	43.42	40.57	39.36	41.96	44.85	43.19	40.97	43.57	49.70	46.15	41.30	42.78
MAX	45.02	41.68	40.14	44.28	46.30	45.06	43.00	55.67	56.83	48.92	41.86	44.22
MIN	41.81	39.58	39.22	40.68	42.16	40.66	38.83	38.65	44.85	42.12	40.53	41.19

CAL YR 1975 MEAN 47.11 MAX 65.53 MIN 39.22
WTR YR 1976 MEAN 43.14 MAX 56.83 MIN 38.65

WITHLACOOCHEE RIVER BASIN

02319000 Withlacoochee River near Pinetta, Fla.

LOCATION.--Lat 30°35'43", long 83°15'35", in NW¼ sec.7, T.2 N., R.11 E., Madison County, Hydrologic Unit 03110203, on right bank 30 ft (9 m) downstream from bridge, 0.1 mi (0.2 km) downstream from small tributary, 0.3 mi (0.5 km) west of Bellville, 5.6 mi (9.0 km) east of Pinetta, and 22 mi (35 km) upstream from mouth.

DRAINAGE AREA.--2,120 mi² (5,490 km²), approximately.

PERIOD OF RECORD.--October 1931 to current year. Monthly discharge only for October and November 1931, published in WSP 1304.

GAGE.--Nonrecording gage. Datum of gage is 47.21 ft (14.390 m) above mean sea level (levels by Corps of Engineers). Oct. 11, 1931 to Dec. 3, 1941, nonrecording gage at same site and datum. Dec. 3, 1941, to Aug. 2, 1972, water-stage recorder at same site and datum.

AVERAGE DISCHARGE.--45 years, 1,763 ft³/s (49.93 m³/s), 10.63 in/yr (270 mm/yr).

EXTREMES.--Current year: Maximum discharge, 17,600 ft³/s (498 m³/s) May 30 (gage height, 30.38 ft or 9.260 m); minimum discharge, 232 ft³/s (6.57 m³/s) Dec. 4-6 (gage height, 6.94 ft or 2.115 m).

Period of record: Maximum discharge, 79,400 ft³/s (2,250 m³/s) Apr. 5, 1948 (gage height, 38.64 ft or 11.777 m), from floodmarks; minimum, 70 ft³/s (1.98 m³/s) Aug. 23, 1955 (gage height, 6.27 ft or 1.911 m).

Flood in August 1928 reached a stage of 36.75 ft (11.201 m), from floodmarks (discharge, 53,600 ft³/s or 1,520 m³/s).

REMARKS.--Records good above 500 ft³/s (14.2 m³/s) and fair below. Records of chemical analyses and water temperatures for the current year are published in this report entitled "Daily Measurements".

REVISIONS (WATER YEARS).--WSP 972: 1941-42. WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	681	360	238	1830	4140	1200	1400	320	16900	2850	522	1590
2	560	328	235	2230	4140	1200	1480	714	14400	3150	538	1470
3	527	320	235	2470	4560	1200	1560	780	11600	3320	533	1130
4	455	303	232	2720	4870	1150	1660	900	9950	3280	698	703
5	415	285	232	2850	5260	1020	1760	533	8430	3190	714	670
6	396	271	232	3120	5020	960	1860	445	6490	3270	990	659
7	455	250	235	3350	5440	900	1870	420	4280	3450	1170	648
8	560	257	244	3420	5500	900	1810	396	3890	3430	1320	637
9	725	250	244	3370	4190	1080	1660	396	3940	3390	1200	626
10	930	244	271	3190	3270	1200	1480	538	3940	3790	1250	435
11	930	238	271	2840	3250	1890	1400	566	4120	3590	1150	648
12	906	238	271	2650	2770	1320	1060	864	4180	3450	840	527
13	858	250	264	2700	2340	1250	858	1000	3440	3440	758	527
14	792	264	257	2780	2060	1240	764	1080	2230	3250	840	742
15	769	271	278	2900	1810	1180	725	1200	1560	3010	1350	753
16	654	254	299	3120	1660	1180	714	1380	1240	2650	1140	753
17	615	250	328	2940	1420	1190	703	1690	1140	2500	978	725
18	670	292	328	2660	1440	1320	637	2090	1320	1720	876	659
19	858	340	320	2310	1400	1440	522	2370	1620	1290	753	571
20	864	352	320	2060	1320	1630	470	2510	1630	1070	659	527
21	840	340	303	1840	1260	1810	440	2840	2070	948	560	505
22	972	352	285	1690	1250	1920	392	3120	2260	822	527	396
23	972	352	285	1570	1200	1990	348	3660	2400	725	485	360
24	960	310	303	1540	1200	1890	320	5020	3370	670	465	313
25	918	285	383	1440	1290	1690	303	6560	4190	615	387	303
26	864	278	480	1380	1260	1480	296	8110	4790	560	320	340
27	725	278	588	1600	1290	1320	278	10500	4920	560	445	324
28	615	257	692	2370	1260	1380	261	15400	4330	527	410	324
29	505	235	780	2850	1260	1480	257	17200	3170	495	615	324
30	455	235	888	3140	---	1480	250	17600	2780	396	1260	324
31	405	---	1260	3420	---	1420	---	17500	---	465	1550	---
TOTAL	21851	8539	11581	78350	77130	42300	27538	127702	140580	65873	25303	18513
MEAN	705	285	374	2527	2660	1365	918	4119	4686	2125	816	617
MAX	972	360	1260	3420	5500	1990	1870	17600	16900	3790	1550	1590
MIN	396	235	232	1380	1200	900	250	320	1140	396	320	303
CFSM	.33	.13	.18	1.19	1.25	.64	.43	1.94	2.21	1.00	.38	.29
IN.	.38	.15	.20	1.37	1.35	.74	.48	2.24	2.47	1.16	.44	.32

CAL YR 1975 TOTAL 915163 MEAN 2507 MAX 22300 MIN 232 CFSM 1.18 IN 16.06
WTR YR 1976 TOTAL 645260 MEAN 1763 MAX 17600 MIN 232 CFSM .83 IN 11.32

SUWANNEE AND AUCILLA RIVERS

WITHLACOOCHEE RIVER BASIN

02319000 Withlacoochee River near Pinetta, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.92	7.30	6.96	9.82	13.23	8.80	9.13	7.20	29.80	11.30	7.63	9.45
2	7.70	7.22	6.95	10.40	13.23	8.80	9.26	7.98	27.60	11.74	7.66	9.25
3	7.64	7.20	6.95	10.74	13.85	8.80	9.40	8.10	24.65	12.00	7.65	8.68
4	7.50	7.15	6.94	11.10	14.32	8.72	9.56	8.30	22.14	11.94	7.95	7.96
5	7.42	7.10	6.94	11.30	14.92	8.50	9.70	7.65	19.80	11.80	7.98	7.90
6	7.38	7.06	6.94	11.70	14.56	8.40	9.86	7.48	16.82	11.93	8.45	7.88
7	7.50	7.00	6.95	12.05	15.20	8.30	9.88	7.43	13.44	12.20	8.75	7.86
8	7.70	7.02	6.98	12.15	15.30	8.30	9.78	7.38	12.85	12.16	9.00	7.84
9	8.00	7.00	6.98	12.08	13.30	8.60	9.56	7.38	12.92	12.11	8.80	7.82
10	8.35	6.98	7.06	11.80	11.92	8.80	9.26	7.66	12.92	12.70	8.88	7.46
11	8.35	6.96	7.06	11.28	11.90	9.90	9.13	7.71	13.20	12.40	8.72	7.86
12	8.31	6.96	7.06	11.00	11.18	9.00	8.56	8.24	13.28	12.20	8.20	7.64
13	8.23	7.00	7.04	11.08	10.56	8.88	8.23	8.47	12.18	12.18	8.06	7.64
14	8.12	7.04	7.02	11.20	10.15	8.86	8.07	8.60	10.40	11.90	8.20	8.03
15	8.08	7.06	7.08	11.38	9.78	8.76	8.00	8.80	9.40	11.54	9.05	8.05
16	7.87	7.01	7.14	11.70	9.55	8.76	7.98	9.10	8.86	11.00	8.70	8.05
17	7.80	7.00	7.22	11.43	9.16	8.76	7.96	9.60	8.70	10.78	8.43	8.00
18	7.90	7.12	7.22	11.02	9.20	9.00	7.84	10.20	9.00	9.65	8.26	7.88
19	8.23	7.25	7.20	10.51	9.13	9.20	7.63	10.60	9.49	8.95	8.05	7.72
20	8.24	7.28	7.20	10.15	9.00	9.50	7.53	10.80	9.50	8.58	7.88	7.64
21	8.20	7.25	7.15	9.83	8.90	9.78	7.47	11.28	10.17	8.38	7.70	7.60
22	8.42	7.28	7.10	9.60	8.88	9.96	7.37	11.70	10.44	8.17	7.64	7.38
23	8.42	7.28	7.10	9.42	8.80	10.06	7.27	12.50	10.64	8.00	7.56	7.30
24	8.40	7.17	7.15	9.36	8.80	9.90	7.20	14.55	12.08	7.90	7.52	7.18
25	8.33	7.10	7.35	9.20	8.95	9.60	7.15	16.92	13.30	7.80	7.36	7.15
26	8.24	7.08	7.55	9.10	8.90	9.26	7.13	19.30	14.20	7.70	7.20	7.25
27	8.00	7.08	7.75	9.46	8.95	9.00	7.08	23.01	14.40	7.70	7.48	7.21
28	7.80	7.02	7.94	10.60	8.90	9.10	7.03	28.50	13.50	7.64	7.41	7.21
29	7.60	6.95	8.10	11.30	8.90	9.27	7.02	30.10	11.78	7.58	7.80	7.21
30	7.50	6.95	8.28	11.73	---	9.26	7.00	30.38	11.20	7.38	8.90	7.21
31	7.40	---	8.90	12.15	---	9.16	---	30.30	---	7.52	9.39	---
MEAN	7.95	7.10	7.27	10.83	11.01	9.06	8.27	12.81	13.96	10.16	8.14	7.78
MAX	8.42	7.30	8.90	12.15	15.30	10.06	9.88	30.38	29.80	12.70	9.39	9.45
MIN	7.38	6.95	6.94	9.10	8.80	8.30	7.00	7.20	8.70	7.38	7.20	7.15

CAL YR 1975 MEAN 10.63 MAX 33.10 MIN 6.94
WTR YR 1976 MEAN 9.52 MAX 30.38 MIN 6.94

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

02319500 Suwannee River at Ellaville, Fla.

LOCATION.--Lat 30°23'04", long 83°10'19", in NE¼ sec.24, T.1 S., R.11 E., Suwannee County, Hydrologic Unit 03110205, on left bank at Ellaville, 100 ft (30 m) upstream from Seaboard Air Line Railroad bridge, 200 ft (60 m) downstream from Withlacoochee River, 900 ft (270 m) upstream from bridge on U.S. Highway 90, and 127 mi (204 km) upstream from mouth.

DRAINAGE AREA.--6,970 mi^2 (18,052 km^2), approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--January 1927 to current year.

GAGE.--Water-stage recorder. Datum of gage is 27.22 ft (8.297 m) above mean sea level. Prior to June 20, 1932, nonrecording gage at same site and datum. Nov. 8, 1955 to Sept. 30, 1970, nonrecording gage 1.1 mi (1.8 km) downstream from base gage at datum 24.55 ft (7.483 m) above mean sea level used as supplementary gage when flow was less than 4,800 ft^3/s (136 m^3/s).

AVERAGE DISCHARGE.--49 years, 6,548 ft^3/s (185.44 m^3/s), 12.76 in/yr (324 mm/yr).

EXTREMES.--Current year: Maximum discharge, 22,100 ft^3/s (626 m^3/s) June 2 (gage height, 21.41 ft or 6.526 m); minimum, 2,090 ft^3/s (59.2 m^3/s) Dec. 12 (gage height, 2.66 ft or 0.811 m).

Period of record: Maximum discharge, 95,300 ft^3/s (2,700 m^3/s) Apr. 7, 8, 1948 (gage height, 40.88 ft or 12.460 m), from floodmarks; minimum, 882 ft^3/s (25.0 m^3/s) July 17, 1955; minimum gage height, 1.56 ft (0.475 m) Dec. 1, 1968.

REMARKS.--Records good. Since Nov. 7, 1953, slight regulation at low water caused by diversions above control 0.7 mi (1.1 km) downstream from gage by a stream-electric powerplant for cooling of condensers. Total diverted flow is returned to river below control. Records include flow of large spring on left bank about 200 ft (61 m) downstream; spring flow may reverse during high stages.

REVISIONS.--WPS 1905: WRD Fla. 1975: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4650	3320	2240	3560	7820	4900	5800	2520	21800	9240	4200	4090
2	4470	3250	2220	4320	8140	4780	5790	2660	22100	9330	4080	4070
3	4260	3150	2200	4850	8520	4710	5790	2820	21900	9440	3970	3830
4	4100	3070	2170	5150	8860	4630	5790	2810	21400	9530	3970	3550
5	3970	2990	2160	5420	9150	4490	5770	2750	20700	9550	4030	3470
6	3890	2930	2140	5690	9380	4300	5750	2670	19700	9600	4220	3510
7	3980	2880	2130	5860	9520	4130	5710	2630	18400	9720	4270	3510
8	4330	2890	2190	6060	9530	4000	5640	2640	17200	9880	4300	3530
9	4410	2880	2220	6140	9460	4210	5530	2650	16400	10100	4340	3690
10	4770	2850	2160	6200	9300	4750	5350	2710	15600	10200	4290	3790
11	4900	2820	2140	6190	9110	5310	5120	2860	14900	10200	4090	3840
12	4850	2780	2100	6150	8870	5540	4850	2990	14100	10100	3880	3900
13	4710	2770	2110	6130	8600	5560	4570	3120	13300	9990	3860	3940
14	4550	2750	2100	6190	8300	5450	4320	3220	12100	9810	4060	3970
15	4380	2720	2120	6270	7990	5340	4110	3500	11000	9540	4250	3980
16	4220	2690	2160	6390	7700	5290	3940	4230	10000	9230	4330	4030
17	4100	2650	2160	6460	7410	5280	3800	5040	9260	8850	4220	4050
18	4070	2650	2150	6410	7130	5490	3660	5670	8720	8370	4060	4050
19	4190	2650	2150	6270	6880	5670	3510	5960	8680	7810	3950	4000
20	4210	2640	2190	6080	6610	5820	3350	6100	8730	7270	3850	3920
21	4210	2630	2270	5900	6360	5920	3230	6220	8700	6790	3730	3810
22	4240	2570	2350	5700	6140	5990	3110	6370	8880	6370	3640	3690
23	4250	2500	2390	5510	5900	6010	3000	6850	8940	6050	3550	3560
24	4220	2450	2390	5360	5710	5990	2910	8370	9340	5820	3460	3450
25	4180	2400	2380	5200	5570	5910	2850	10400	9840	5590	3390	3420
26	4100	2360	2430	5080	5480	5760	2780	12500	10100	5360	3330	3450
27	3960	2330	2520	5230	5350	5600	2740	15100	10100	5170	3370	3620
28	3780	2300	2590	5910	5200	5570	2700	17400	9870	4980	3320	3710
29	3640	2280	2670	6550	5040	5730	2610	19100	9440	4740	3330	3770
30	3520	2260	2760	7060	---	5840	2540	20300	9170	4520	3650	3810
31	3390	---	2980	7470	---	5850	---	21200	---	4350	3960	---
TOTAL	130500	81410	70940	180760	219030	163470	126620	213360	400370	247500	120950	113010
MEAN	4210	2714	2288	5831	7553	5286	4221	6883	13350	7984	3902	3767
MAX	4900	3320	2980	7470	9530	6010	5800	21200	22100	10200	4340	4090
MIN	3390	2260	2100	3560	5040	4000	2540	2520	8680	4350	3320	3420
CFSM	.60	.39	.33	.84	1.08	.76	.61	.99	1.92	1.15	.56	.54
IN.	.70	.43	.38	.96	1.17	.87	.68	1.14	2.14	1.32	.65	.60

CAL YR 1975 TOTAL 3061210 MEAN 8387 MAX 29200 MIN 2100 CFSM 1.20 IN 16.34
WTR YR 1976 TOTAL 2068320 MEAN 5651 MAX 22100 MIN 2100 CFSM .81 IN 11.04

SUWANNEE AND AUCILLA RIVERS

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

02319500 Suwannee River at Ellaville, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.86	3.68	2.78	3.89	8.24	5.10	6.00	3.01	21.21	9.83	4.46	4.36
2	4.70	3.62	2.77	4.56	8.60	4.98	5.99	3.13	21.39	9.92	4.35	4.34
3	4.51	3.54	2.75	5.05	9.02	4.92	5.99	3.27	21.24	10.04	4.24	4.12
4	4.37	3.46	2.73	5.35	9.40	4.84	5.99	3.25	20.83	10.13	4.24	3.88
5	4.25	3.41	2.71	5.62	9.72	4.72	5.97	3.21	20.23	10.15	4.30	3.81
6	4.17	3.36	2.70	5.89	9.98	4.55	5.95	3.14	19.40	10.20	4.47	3.84
7	4.25	3.32	2.69	6.06	10.12	4.39	5.91	3.11	18.31	10.32	4.51	3.84
8	4.57	3.33	2.74	6.28	10.13	4.28	5.84	3.12	17.33	10.48	4.55	3.86
9	4.65	3.31	2.77	6.38	10.06	4.47	5.73	3.12	16.60	10.66	4.58	3.99
10	4.97	3.29	2.72	6.44	9.89	4.96	5.55	3.18	15.91	10.77	4.53	4.08
11	5.10	3.26	2.70	6.43	9.68	5.51	5.32	3.30	15.24	10.76	4.36	4.13
12	5.05	3.24	2.67	6.39	9.41	5.74	5.05	3.41	14.58	10.71	4.16	4.18
13	4.92	3.23	2.67	6.37	9.11	5.76	4.79	3.52	13.79	10.59	4.15	4.22
14	4.77	3.21	2.67	6.43	8.78	5.65	4.56	3.60	12.71	10.41	4.32	4.25
15	4.62	3.18	2.69	6.52	8.44	5.59	4.37	3.83	11.58	10.14	4.50	4.26
16	4.48	3.15	2.71	6.65	8.11	5.49	4.22	4.49	10.64	9.81	4.58	4.30
17	4.36	3.13	2.72	6.74	7.79	5.48	4.09	5.24	9.84	9.39	4.47	4.32
18	4.33	3.12	2.71	6.68	7.48	5.69	3.97	5.87	9.25	8.86	4.32	4.32
19	4.44	3.12	2.71	6.52	7.20	5.87	3.84	6.18	9.20	8.24	4.23	4.28
20	4.47	3.12	2.74	6.32	6.90	6.02	3.71	6.34	9.26	7.64	4.13	4.20
21	4.47	3.11	2.81	6.11	6.62	6.14	3.61	6.46	9.22	7.10	4.03	4.10
22	4.49	3.06	2.87	5.90	6.38	6.21	3.51	6.63	9.42	6.64	3.95	4.00
23	4.50	3.00	2.91	5.71	6.12	6.24	3.41	7.17	9.49	6.28	3.88	3.88
24	4.47	2.96	2.91	5.56	5.91	6.22	3.34	8.85	9.93	6.03	3.80	3.79
25	4.44	2.92	2.90	5.40	5.77	6.12	3.29	11.04	10.44	5.79	3.74	3.77
26	4.36	2.88	2.94	5.28	5.68	5.96	3.23	13.08	10.65	5.56	3.69	3.79
27	4.23	2.86	3.02	5.43	5.55	5.81	3.20	15.41	10.67	5.37	3.72	3.93
28	4.07	2.83	3.07	6.13	5.40	5.77	3.16	17.47	10.47	5.18	3.68	4.01
29	3.95	2.82	3.14	6.84	5.24	5.93	3.09	18.92	10.04	4.95	3.70	4.06
30	3.85	2.80	3.22	7.40	---	6.04	3.03	19.93	9.74	4.75	3.96	4.10
31	3.74	---	3.40	7.86	---	6.06	---	20.70	---	4.59	4.23	---
MEAN	4.46	3.18	2.82	6.07	7.96	5.50	4.52	7.19	13.62	8.43	4.19	4.07
MAX	5.10	3.68	3.40	7.86	10.13	6.24	6.00	20.70	21.39	10.77	4.58	4.36
MIN	3.74	2.80	2.67	3.89	5.24	4.28	3.03	3.01	9.20	4.59	3.68	3.77

CAL YR 1975 MEAN 8.68 MAX 26.80 MIN 2.67
WTR YR 1976 MEAN 5.99 MAX 21.39 MIN 2.67

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

02320500 Suwannee River at Branford, Fla.

LOCATION.--Lat 29°57'20". long 82°55'40", in NE¼ sec.20, T.6 S., R.14 E., Suwannee County, Hydrologic Unit 03110205, near left bank on upstream side of bridge on U.S. Highways 27 and 129 at Branford, 10.8 mi (17.4 km) upstream from Santa Fe River and 75 mi (121 km) upstream from mouth.

DRAINAGE AREA.--7,880 mi² (20,410 km²), includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--July 1931 to current year.

GAGE.--Nonrecording gage. Datum of gage is 4.81 ft (1.466 m) above mean sea level.

AVERAGE DISCHARGE.--45 years, 6,960 ft³/s (197.1 m³/s) 11.91 in/yr (311 mm/yr).

EXTREMES.--Current year: Maximum discharge, 17,800 ft³/s (504 m³/s) June 5 (gage height, 19.54 ft or 5.956 m); minimum, 3,140 ft³/s (88.9 m³/s) Dec. 19 (gage height, 5.27 ft or 1.606 m).

Period of record: Maximum discharge, 83,900 ft³/s (2,380 m³/s) Apr. 11, 1948 (gage height, 34.07 ft or 10.385 m); minimum, 1,530 ft³/s (43.3 m³/s) July 1, 2, 1955; minimum gage height, 1.97 ft (0.600 m) Jan. 10, 11, 14, 17, 1956.

Flood in August 1928 reached a stage of 32.0 ft (9.75 m), from floodmark (discharge, 65,000 ft³/s or 1,840 m³/s, computed on basis of measured crest flow at Ellaville.)

REMARKS.--Records good.

REVISIONS.--WSP 1905: WRD Fla. 1975: Drainage area.

DISCHARGE. IN CUBIC FEET PER SECOND. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6440	4710	3460	3940	7200	6080	6300	3630	16000	10200	6060	4910
2	6260	4640	3430	4260	7440	5950	6290	3610	16800	10200	5920	5010
3	6140	4510	3380	4660	7650	5830	6260	3700	17300	10200	5830	5010
4	5970	4510	3350	5000	7930	5760	6260	3690	17700	10200	5700	4980
5	5810	4430	3330	5210	8150	5700	6260	3670	17800	10200	5630	4930
6	5700	4360	3320	5450	8450	5590	6240	3660	17700	10200	5660	4860
7	5660	4310	3280	5610	8660	5470	6220	3590	17300	10300	5660	4780
8	5670	4230	3270	5810	8830	5340	6190	3540	16600	10300	5700	4720
9	5700	4170	3270	5960	8930	5370	6150	3520	16100	10400	5700	4760
10	5740	4150	3240	6070	8970	5440	6090	3520	15500	10500	5700	4890
11	5850	4090	3200	6190	8960	5690	5980	3510	15100	10600	5630	4970
12	5910	4060	3200	6270	8910	5970	5860	3600	14700	10600	5510	4980
13	5890	4030	3200	6290	8830	6130	5700	3690	14200	10600	5380	5010
14	5860	4010	3190	6330	8690	6270	5540	3850	13600	10500	5400	5050
15	5730	3970	3180	6340	8530	6160	5380	4130	13000	10400	5440	5100
16	5630	3920	3180	6420	8360	6170	5220	4260	12300	10200	5500	5140
17	5570	3940	3210	6510	8200	6130	5110	4620	11700	10000	5550	5160
18	5560	3900	3170	6530	8040	6070	4960	5000	11100	9760	5480	5150
19	5450	3870	3140	6520	7860	6140	4830	5320	10600	9430	5380	5140
20	5420	3850	3150	6490	7630	6230	4690	5580	10400	9040	5270	5110
21	5400	3840	3200	6430	7420	6300	4520	5810	10200	8650	5180	5040
22	5380	3800	3240	6310	7240	6350	4380	5990	10100	8230	5090	4980
23	5370	3740	3290	6230	6990	6380	4250	6240	10100	7910	4990	4870
24	5360	3710	3340	6100	6810	6400	4140	6560	10100	7640	4920	4750
25	5330	3680	3380	6020	6650	6420	4040	7490	10200	7390	4830	4680
26	5290	3630	3420	5930	6520	6410	4040	8740	10400	7170	4750	4610
27	5220	3620	3420	5900	6390	6340	3900	10200	10500	6930	4830	4580
28	5130	3590	3370	5960	6270	6240	3840	11700	10500	6750	4700	4640
29	5020	3490	3410	6180	6120	6200	3780	13100	10500	6580	4640	4710
30	4920	3480	3550	6520	---	6270	3680	14200	10300	6380	4640	4780
31	4810	---	3660	6830	---	6330	---	14000	---	6200	4830	---
TOTAL	173190	120240	102430	184270	226630	187130	156100	183720	398400	283660	165500	147300
MEAN	5587	4008	3304	5944	7815	6036	5203	5926	13280	9150	5339	4910
MAX	6440	4710	3660	6830	8970	6420	6300	14200	17800	10600	6060	5160
MIN	4810	3480	3140	3940	6120	5340	3680	3510	10100	6200	4640	4580
CFSM	.71	.51	.42	.75	.99	.77	.66	.75	1.69	1.16	.68	.62
IN.	.82	.57	.48	.87	1.07	.88	.74	.87	1.88	1.34	.78	.70

CAL YR 1975 TOTAL 3305500 MEAN 9056 MAX 24900 MIN 3140 CFSM 1.15 IN 15.60
WTR YR 1976 TOTAL 2328570 MEAN 6362 MAX 17800 MIN 3140 CFSM .81 IN 10.99

02320500 Suwannee River at Branford, Fla.

GAGE HEIGHT. IN FEET. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.69	7.55	5.75	6.17	10.18	8.85	9.13	5.71	18.31	13.31	8.83	7.39
2	9.49	7.44	5.71	6.56	10.45	8.69	9.11	5.68	18.87	13.26	8.65	7.51
3	9.36	7.26	5.64	7.07	10.68	8.54	9.08	5.80	19.22	13.26	8.54	7.51
4	9.17	7.25	5.60	7.55	10.99	8.45	9.07	5.78	19.44	13.28	8.38	7.47
5	8.97	7.14	5.57	7.81	11.23	8.37	9.07	5.76	19.54	13.31	8.29	7.41
6	8.84	7.05	5.56	8.11	11.56	8.24	9.05	5.74	19.44	13.30	8.32	7.32
7	8.79	6.97	5.50	8.31	11.77	8.09	9.03	5.65	19.17	13.38	8.33	7.22
8	8.80	6.86	5.49	8.56	11.94	7.92	8.99	5.59	18.75	13.44	8.37	7.15
9	8.84	6.77	5.48	8.74	12.04	7.96	8.94	5.56	18.41	13.51	8.37	7.20
10	8.89	6.74	5.43	8.87	12.08	8.05	8.86	5.56	18.02	13.62	8.38	7.36
11	9.02	6.66	5.37	9.00	12.07	8.36	8.72	5.55	17.67	13.69	8.29	7.46
12	9.10	6.62	5.36	9.09	12.02	8.71	8.58	5.66	17.30	13.71	8.14	7.48
13	9.08	6.57	5.37	9.11	11.94	8.91	8.38	5.78	16.90	13.70	7.97	7.51
14	9.04	6.54	5.35	9.16	11.80	9.09	8.17	6.00	16.45	13.65	8.00	7.56
15	8.88	6.48	5.34	9.18	11.64	8.95	7.98	6.37	15.90	13.52	8.05	7.62
16	8.75	6.42	5.34	9.27	11.47	8.96	7.78	6.55	15.30	13.35	8.13	7.68
17	8.68	6.44	5.38	9.39	11.29	8.91	7.64	7.02	14.70	13.13	8.19	7.70
18	8.66	6.38	5.31	9.41	11.11	8.84	7.45	7.50	14.15	12.87	8.10	7.69
19	8.52	6.34	5.27	9.40	10.91	8.92	7.29	7.90	13.70	12.54	7.98	7.67
20	8.49	6.31	5.28	9.36	10.66	9.04	7.11	8.23	13.49	12.15	7.84	7.64
21	8.46	6.30	5.34	9.29	10.42	9.12	6.90	8.51	13.32	11.76	7.73	7.55
22	8.44	6.24	5.40	9.14	10.22	9.19	6.71	8.74	13.24	11.32	7.61	7.47
23	8.43	6.16	5.46	9.04	9.95	9.23	6.54	9.05	13.21	10.97	7.49	7.34
24	8.41	6.12	5.51	8.87	9.74	9.25	6.39	9.45	13.18	10.67	7.40	7.19
25	8.38	6.07	5.55	8.78	9.56	9.27	6.25	10.50	13.32	10.39	7.29	7.10
26	8.32	6.00	5.59	8.66	9.40	9.26	6.25	11.85	13.49	10.14	7.19	7.01
27	8.24	5.98	5.59	8.62	9.24	9.17	6.06	13.28	13.61	9.88	7.29	6.98
28	8.12	5.94	5.54	8.70	9.09	9.05	5.98	14.75	13.64	9.68	7.13	7.05
29	7.98	5.80	5.58	8.98	8.90	9.00	5.90	16.02	13.60	9.47	7.05	7.14
30	7.84	5.78	5.72	9.40	---	9.09	5.77	16.95	13.42	9.23	7.05	7.22
31	7.69	---	5.86	9.77	---	9.16	---	16.75	---	9.00	7.29	---
MEAN	8.69	6.54	5.49	8.69	10.84	8.79	7.74	8.36	15.96	12.21	7.92	7.39
MAX	9.69	7.55	5.86	9.77	12.08	9.27	9.13	16.95	19.54	13.71	8.83	7.70
MIN	7.69	5.78	5.27	6.17	8.90	7.92	5.77	5.55	13.18	9.00	7.05	6.98

CAL YR 1975 MEAN 11.84 MAX 23.68 MIN 5.27
WTR YR 1976 MEAN 9.04 MAX 19.54 MIN 5.27

SANTA FE RIVER BASIN

02320700 Santa Fe River near Graham, Fla.

LOCATION.--Lat 29°50'46", long 82°13'11", in NE¼ sec.32, T.7S., R.21E., Alachua County, Hydrologic Unit 03110206, near left bank on upstream side of bridge on State Highway 225, 1.0 mi (1.6 km) south of Graham, 1.5 mi (2.4 km) upstream from Sampson River and 71 mi (114 km) upstream from mouth.

DRAINAGE AREA.--94.9 mi^2 (245.8 km^2).

PERIOD OF RECORD.--August 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is 103.55 ft (31.562 m) above mean sea level.

AVERAGE DISCHARGE.--19 years, 64.1 ft^3/s (1.815 m^3/s), 9.17 in/yr (233 mm/yr).

EXTREMES.--Current year: Maximum discharge, 104 ft^3/s (2.94 m^3/s) June 29 (gage height, 6.83 ft or 2.082 m); minimum, 0.14 ft^3/s (0.004 m^3/s) June 16, minimum gage height, 3.08 ft (0.939 m) Aug. 28-30.
Period of record: Maximum discharge, 2,360 ft^3/s (66.8 m^3/s) Sept. 12, 1964 (gage height, 14.97 ft or 4.563 m); minimum, 0.05 ft^3/s (0.001 m^3/s) May 23, 24, 1968; minimum gage height, 3.08 ft (0.939 m) Aug. 28-30, 1976.

REMARKS.--Records fair. Records do not include diversions, during periods of high stages, from Santa Fe Lake through Lochloosa Creek in St. Johns River basin.

REVISIONS.--WSP 2105: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	13	4.8	29	22	6.7	1.4	.39	3.3	82	.93	.44
2	69	12	4.5	27	46	6.1	1.1	.51	3.1	80	.78	.34
3	59	11	4.2	24	34	5.5	.85	.46	3.2	63	.87	.31
4	51	11	3.8	23	33	5.4	.65	.36	2.8	49	.88	.33
5	46	10	3.7	21	31	4.8	.54	.38	2.7	39	1.2	.53
6	46	9.8	3.7	19	28	4.4	.52	.42	2.4	31	.88	.51
7	58	9.8	3.7	18	26	4.1	.97	.68	1.9	28	.67	.96
8	59	9.6	3.5	20	23	3.9	1.8	.82	1.5	23	.57	5.6
9	62	9.8	3.3	22	21	3.6	3.2	.72	1.1	21	.71	3.3
10	73	9.4	3.3	24	19	3.7	2.6	.61	.70	17	.76	2.7
11	77	9.2	3.1	23	18	3.6	1.7	.49	.50	15	.71	3.9
12	72	10	3.0	21	17	3.2	1.1	.42	.42	12	.67	2.4
13	64	11	3.0	20	16	2.9	.89	.46	.32	10	.63	3.2
14	56	11	2.9	18	15	2.6	.66	.55	.20	8.7	.59	6.8
15	49	10	2.8	17	14	2.4	.68	3.9	.19	7.6	.54	5.7
16	43	9.4	2.7	16	14	2.5	.57	2.7	.16	6.1	.45	3.9
17	42	8.8	2.7	16	13	3.6	.44	2.8	.17	4.8	.47	2.7
18	46	8.3	2.9	15	12	3.2	.29	2.7	.43	3.7	.57	2.0
19	42	7.9	2.7	14	12	2.6	.21	1.9	2.8	2.9	.48	1.4
20	38	7.7	2.5	14	11	2.2	.18	1.3	8.8	2.5	.68	1.1
21	34	7.3	2.7	13	11	1.9	.23	.99	11	2.2	.63	1.1
22	31	7.0	2.7	12	11	1.8	.25	.93	17	2.3	.46	1.3
23	28	6.7	2.6	12	12	1.8	.22	4.7	67	3.0	.37	1.2
24	25	6.3	2.4	11	11	1.7	.20	8.8	88	2.0	.29	1.6
25	23	6.0	2.3	11	9.8	1.5	.21	10	82	1.7	.25	1.6
26	21	5.8	3.3	11	9.2	1.3	.26	11	65	1.4	.22	1.3
27	19	5.7	4.3	12	8.5	1.3	.26	8.3	45	1.3	.19	1.1
28	18	5.4	3.8	14	7.7	1.9	.27	7.2	34	1.0	.18	.91
29	16	5.2	3.3	13	7.3	2.2	.26	6.9	83	.99	.19	.77
30	15	4.9	8.9	12	---	1.8	.29	5.6	91	1.1	.19	.77
31	14	---	20	12	---	1.4	---	4.1	---	1.1	.28	---
TOTAL	1377	259.0	123.1	534	512.5	95.6	22.80	91.09	619.69	524.39	17.29	59.77
MEAN	44.4	8.63	3.97	17.2	17.7	3.08	.76	2.94	20.7	16.9	.56	1.99
MAX	81	13	20	29	46	6.7	3.2	11	91	82	1.2	6.8
MIN	14	4.9	2.3	11	7.3	1.3	.18	.36	.16	.99	.18	.31
CFSM	.47	.09	.04	.18	.19	.03	.008	.03	.22	.18	.005	.02
IN.	.54	.10	.05	.21	.20	.04	.009	.04	.24	.21	.007	.02

CAL YR 1975 TOTAL 9517.93 MEAN 26.1 MAX 300 MIN .55 CFSM .28 IN 3.73
WTR YR 1976 TOTAL 4236.23 MEAN 11.6 MAX 91 MIN .16 CFSM .12 IN 1.66

SANTA FE RIVER BASIN

02320800 Sampson River at Sampson City, Fla.

LOCATION.--Lat 29°55'07", long 82°12'39", in NW¼ sec.4, T.7 S., R.21 E., Bradford County, Hydrologic Unit 03110206, on downstream side of culvert on State Highway 225 at Sampson City, 0.4 mi (0.6 km) downstream from Lake Sampson, 5.9 m (9.0 km) upstream from mouth and 6.3 mi (10.1 km) southwest of Starke.

DRAINAGE AREA.--59.7 mi^2 (155km^2) revised.

PERIOD OF RECORD.--Discharge measurements: 1958-60, 1965, 1967, two to four discharge measurements each year, (published as "at Sampson"), October 1975 to September 1976.
Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Datum of gage is 120.82 ft (36.826 m) above mean sea level, datum of 19.29. Prior to Apr. 21, 1967, nonrecording gage at same site at datum 4.96 ft (1.512 m) lower.

EXTREMES.--Period of record: Discharge (1958-60, 1965, 1967, 1975-76): Maximum discharge measured, 325 ft^3/s (9.204 m^3/s) Mar. 23, 1959 (gage height, 12.26 ft or 3.737 m present datum); minimum measured, 2.1 ft^3/s (0.059 m) Mar. 24, 1965; minimum gage height observed, 7.14 ft (2.176 m) Apr. 15, 1976, present datum.
Water temperatures (1975-76): Maximum temperature observed, 28.0°C Aug. 31, 1976, minimum observed, 19.5°C Nov. 17, 1975.

REMARKS.--Some regulation since April 1967, by manipulation of stoplogs on upstream side of culvert above station. Installation date unknown. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT. 15	173	26.0	APR. 21	1.0	--
NOV. 17	40	19.5	MAY 17	8.5	26.0
DEC. 15	21	--	JUNE 10	21	--
MAR. 16	12	--	JULY 14	17	--
APR. 15	3.7	24.0	AUG. 31	6.7	28.0

02320815 Sampson River near Graham, Fla.

LOCATION.--Lat 29°51'36", long 82°13'47", in NW¼ sec.29, T.7 S., R.21 E., Bradford County, Hydrologic Unit 03110206, at bridge on State Highway 18, 0.7 mi (1.1 km) west of Graham and 1.0 mi (1.6 km) upstream from mouth.

DRAINAGE AREA.--74.3 mi^2 (192.4 km^2).

PERIOD OF RECORD.--Discharge measurements: 1958 (one discharge measurement), October 1975 to September 1976.
Temperature observations: 1958, October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 110 ft (33.5 m) from topographic map.

EXTREMES.--Period of record (1958, 1975-76): Maximum discharge measured, 189 ft^3/s (5.35 m^3/s) Oct. 15, 1975 (gage height, 10.16 ft or 3.10 m); Minimum measured, 4.9 ft^3/s (0.139 m^3/s) Apr. 16, 1976 (gage height, 5.80 ft or 1.77 m)
Water temperatures (1975-76): Maximum temperature observed, 27.0°C Oct. 15, 1975 and Aug. 31, 1976, minimum observed, 17.5°C Apr. 16, 1976.

REMARKS.--Flow slightly regulated by stoplog dam at Sampson City (02320800) 5.3 mi (8.5 km) upstream. Discharge occasionally affected by backwater from Santa Fe River at high water. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT. 15	189	27.0	APR. 26	3.2	--
NOV. 18	44	19.5	MAY 15	12	--
DEC. 15	22	18.5	JUNE 16	21	26.0
MAR. 15	14	--	JULY 14	17	--
APR. 16	4.9	17.5	AUG. 31	6.1	27.0

SANTA FE RIVER BASIN

02320900 New River near Raiford, Fla.

LOCATION.--Lat 30°04'00", long 82°11'03", in NE¼ sec.15, T.5 S., R.21 E., Union County, Hydrologic Unit 03110206, on downstream side of concrete bridge on State Highway 16, 0.5 mi (0.8 km) southeast of Florida State Prison, 3.3 mi (5.3 km) east of Raiford, 9.5 mi (15.2 km) northwest of Starke and 22 mi (35 km) upstream from mouth.

DRAINAGE AREA.--88.1 mi^2 (228.2 km^2) revised.

PERIOD OF RECORD.--Discharge measurements: 1958, 1960, 1965, 1967 (one to four discharge measurements each year), October 1975 to September 1976.
Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 110 ft (33.5 m) from topographic map.

EXTREMES.--Period of record: Discharge (1958, 1960, 1965, 1967, 1975-76): Maximum discharge measured, 2,060 ft^3/s (58.3 m^3/s) Mar. 18, 1960; gage height 14.18 ft (4.32 m); minimum measured, 0.40 ft^3/s (0.011 m^3/s) May 25, 1965 (gage height, 6.11 ft (1.86 m)
Water temperatures (1975-76): Maximum temperature observed, 27.5°C Aug. 31, 1976, minimum observed, 18.0°C Dec. 15, 1975.

REMARKS.--Results of miscellaneous temperature observations prior to October 1975 are in the files of tne U. S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
NOV. 17	3.8	19.0	APR. 27	3.0	--
DEC. 15	2.2	18.0	MAY 17	148	--
MAR. 16	14	18.5	JUNE 16	5.1	--
APR. 15	41	--	JULY 14	86	--
			AUG. 31	5.8	27.5

SANTA FE RIVER BASIN

02321500 Santa Fe River at Worthington Springs, Fla.

LOCATION.--Lat 29°55'18", long 82°25'35", in SE¼ sec.32, T.6 S., R.19 E., Alachua County, Hydrologic Unit 03110206, near center of span on downstream side of bridge on State Highway 121, 0.5 mi (0.8 km) south of Worthington Springs, 0.8 mi (1.3 km) downstream from New River, and 51 mi (82 km) upstream from mouth.

DRAINAGE AREA.--575 mi² (1,489 km²), revised.

PERIOD OF RECORD.--October 1931 to current year. Prior to October 1965 published as "near Worthington." Monthly discharge only for October 1931, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 42.74 ft (13.027 m) above mean sea level (levels by Corps of Engineers). Prior to Jan. 16, 1939, nonrecording gage at site 0.2 mi (0.3 km) downstream at same datum and Jan. 16, 1939, to July 23, 1953, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--45 years, 446 ft³/s (12.6 m³/s), 10.53 in/yr (267 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,460 ft³/s (41.1 m³/s) Oct. 1 (gage height, 16.16 ft or 4.916 m), occurred on recession following peak of Sept. 26, 1975; maximum independent peak discharge, 840 ft³/s (23.8 m³/s) Oct. 11 (gage height, 14.70 ft or 4.480 m); minimum, 14 ft³/s (0.396 m³/s) May 14 (gage height, 7.25 ft or 2.209 m).

Period of record: Maximum discharge, 20,000 ft³/s (566 m³/s) Sept. 13, 1964 (gage height, 28.40 ft or 8.656 m); minimum discharge, 0.50 ft³/s (0.014 m³/s) June 24, 1955 (gage height, 6.74 ft or 2.054 m).

REMARKS.--Records good. Records do not include diversion, during periods of high stages from Santa Fe Lake through Lochloosa Creek in St. Johns River basin. Records of chemical analyses and water temperatures for the current year are published in this report entitled "Daily Measurements".

REVISIONS.--WSP 2105: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1340	173	61	320	294	108	57	32	510	376	60	116
2	1110	159	61	415	515	104	56	23	417	383	55	97
3	921	146	62	463	613	100	55	23	352	397	54	67
4	780	135	60	483	731	88	51	24	313	458	52	52
5	652	123	57	435	825	89	44	21	304	647	53	72
6	571	112	56	363	762	85	40	19	283	775	85	68
7	544	105	56	337	648	80	43	18	238	739	136	147
8	538	103	63	335	563	76	51	18	200	668	139	371
9	559	105	65	368	497	73	68	19	182	587	123	429
10	673	116	61	392	434	73	77	19	164	524	171	397
11	836	124	58	398	379	80	83	18	132	432	173	500
12	844	141	54	387	333	94	78	16	99	349	147	555
13	785	149	52	348	293	96	63	15	76	323	189	758
14	702	156	50	316	261	88	52	15	63	349	188	864
15	612	153	48	291	236	81	46	31	54	345	144	804
16	540	141	47	264	214	79	43	98	54	303	149	699
17	499	125	46	259	196	88	54	162	51	238	139	600
18	544	113	44	253	181	89	71	203	51	168	130	535
19	531	104	44	232	172	88	65	217	48	115	146	482
20	518	98	44	218	163	80	51	219	48	91	163	428
21	504	93	45	201	151	70	42	204	58	132	173	375
22	473	88	44	187	150	63	35	187	66	131	165	333
23	427	83	42	172	166	60	30	197	79	141	141	267
24	377	80	41	160	170	57	26	219	104	150	113	211
25	326	77	40	151	159	54	23	255	148	135	87	259
26	288	74	47	142	146	50	22	287	205	108	70	439
27	259	71	60	149	132	47	24	319	250	94	58	534
28	235	69	65	203	122	48	25	403	278	107	47	741
29	221	66	62	248	114	51	22	572	367	94	40	799
30	207	64	87	277	---	52	29	710	387	75	42	813
31	190	---	164	272	---	52	---	601	---	65	115	---
TOTAL	17606	3346	1786	9039	9620	2343	1426	5164	5581	9499	3547	12812
MEAN	568	112	57.6	292	332	75.6	47.5	167	186	306	114	427
MAX	1340	173	164	483	825	108	83	710	510	775	189	864
MIN	190	64	40	142	114	47	22	15	48	65	40	52
CFSM	.99	.19	.10	.51	.58	.13	.08	.29	.32	.53	.20	.74
IN.	1.14	.22	.12	.58	.62	.15	.09	.33	.36	.61	.23	.83

CAL YR 1975 TOTAL 116148 MEAN 318 MAX 2910 MIN 27 CFSM .55 IN 7.51
WTR YR 1976 TOTAL 81769 MEAN 223 MAX 1340 MIN 15 CFSM .39 IN 5.29

SANTA FE RIVER BASIN

02321600 Olustee Creek near Lulu, Fla.

LOCATION.--Lat 30°05'42", long 82°28'25", in SW¼ sec.36, T.4 S., R.18 E., Columbia County, Hydrologic Unit 03110206, at bridge on State Highway 100, 1.4 mi (2.3 km) southeast of Lulu, 7.4 mi (11.9 km) upstream from Swift Creek and 18.0 mi (29 km) upstream from mouth.

DRAINAGE AREA.--49.1 mi^2 (127.2 km^2)

PERIOD OF RECORD.--Discharge measurements: 1965-67, 1969-73, 1975 (one to three discharge measurements each year), October 1975 to September 1976.
Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Datum of gage is 100.00 ft (30.48 m) above mean sea level.

EXTREMES.--Period of record.--Maximum discharge, 2,130 cu^3/s (60.3m^3/s) Mar. 29, 1970; maximum gage height, 19.62 ft (5.980 m) Sept. 13, 1964 (from high-water mark, discharge not determined.). Maximum discharge measured, 685 ft^3/s (19.40 m^3/s) Aug. 23, 1975; no flow observed, Apr. 29, 1968; minimum gage height observed, 8.80 ft (2.700 m) May 25, 1965.
Water Temperature (1975-76): Maximum temperature observed, 24.0°C Aug. 31, 1976; minimum observed, 14.0°C Nov. 17, 1975.

REMARKS.--Annual maximum is published in the section of this report entitled DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)	DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)
NOV.			JUNE		
17	1.1	14.0	16	.68	22.5
MAR.			JULY		
16	12	--	8	136	--
APR.			AUG.		
15	1.4	20.5	31	8.3	24.0
MAY					
17	19	23.0			

02322000 Santa Fe River near High Springs, Fla.

LOCATION.--Lat 29°50'33", long 82°37'52", in NE¼ sec.32, T.7 S., R.17 E., Columbia County, Hydrologic Unit 03110206, near right bank on downstream side of bridge on U.S. Highway 27, 100 ft (30.5 m) upstream from Seaboard Coast Line Railroad Line, 2.0 mi (3.2 km) northwest of High Springs and 25 mi (40.2 km) upstream from mouth.

DRAINAGE AREA.--868 m^2 (2,248 km^2) revised.

PERIOD OF RECORD.--Discharge measurements: January 1931 to September 1971 (about ten discharge measurements each water year), October 1975 to September 1976.
Temperature observations: October 1975 to September 1975. See REMARKS.

GAGE.--Nonrecording gage. Datum of gage is 26.36 ft (8.03 m) above mean sea level(levels by Florida Department of Transportation). Prior to Jan. 9, 1933, nonrecording gage at same site and datum. Jan. 9, 1933 to September 1971, water-stage recorder at same site and datum.

EXTREMES.--Period of record: Discharge (1931-71, 1975-76): Maximum discharge, 20,000 ft^3/s (566.4 m^3/s) Sept. 15, 1964; maximum gage-height, 18.96 ft (5.779 m) Sept. 16, 1964 (backwater from Suwannee River); minimum, 31 ft^3/s (0.88 m^3/s) Apr. 28 to May 5, 1956; minimum gage height 0.38 ft (0.115 m) May 21, 22, 1957.
Water temperatures (1975-76): Observed, 18.0°C Mar. 16, 1976.

REMARKS.--Discharge occasionally affected by backwater from Suwannee River. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

REVISIONS.--(Water years).--WSP 1704: 1948.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTAN-TANEOUS DIS-CHARGE (DFS)	TEMPER-ATURE (DEG C)
OCT.		
17	957	24.0
NOV.		
18	436	--
MAY		
18	175	--

SANTA FE RIVER BASIN

02322008 Turkey Creek near Hague, Fla.

LOCATION.--Lat 29°44'45", long 82°24'25", in SW¼ sec.34, T.8 S., R.19 E., Alachua County, Hydrologic Unit 03110206, at bridge on county road, 1.8 mi (2.9 km) south of Hague Railroad Station and 5.5 mi (8.8 km) southeast of Alachua.

PERIOD OF RECORD.--Discharge measurements: October 1975 to September 1976.
Temperature observations: October 1975 to September 1976.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 135 ft (41.1 m) from topographic map.

EXTREMES.--Period of record: Maximum discharge measured, 4.0 ft^3/s (0.11 m^3/s) Apr. 16, 1976 (gage height 7.55 ft or 2.30 m); minimum measured, 0.75 ft^3/s (0.021 m^3/s) Dec. 16, 1975 (gage height, 7.06 ft or 2.15 m).
Water temperatures (1975-76): Maximum temperature observed, 25.0°C Oct. 15, 1975, minimum observed, 16.0°C Nov. 18, 1975.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)	DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)
OCT.			MAY		
15	1.8	25.0	18	3.4	22.0
NOV.			JUNE		
18	1.2	16.0	16	1.2	24.0
DEC.			JULY		
16	.75	18.0	15	2.0	--
MAR.			SEPT.		
16	1.5	--	1	3.0	24.0
APR.					
16	4.0	18.5			

02322020 Turkey Creek tributary at Hague, Fla.

LOCATION.--Lat 29°46'15", long 82°25'47", in SE¼ sec.20, T.8 S., R.19 E., Alachua County, Hydrologic Unit 03110206, on upstream side of culvert on U.S. Highway 441, 0.3 mi (0.5 km) east from General Electric Plant, 0.8 m (1.3 km) west of Hague Railroad Station and 2.0 m (3.2 km) southeast of Alachua.

PERIOD OF RECORD.--Discharge measurements: October 1975 to September 1976.
Temperature observations: October 1975 to September 1976.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 125 ft (38.1 m) from topographic map.

EXTREMES.--Period of record: Maximum measured discharge, 3.8 ft^3/s (0.108 m^3/s) May 18, 1976; maximum gage height observed, 7.75 ft (2.36 m) Nov. 18, 1975; minimum measured, 1.4 ft^3/s (0.040 m^3/s) July 15, 1976; minimum gage height observed, 7.23 ft (2.20 m) Mar. 16, 1976.
Water temperatures (1975-76): Maximum temperature observed, 27.0°C Oct. 15, 1975, minimum observed, 18.5°C Dec. 16, 1975.

REMARKS.--Some contributing flow from industrial plant above station. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)	DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)
OCT.			MAY		
15	2.8	27.0	18	3.8	22.0
NOV.			JUNE		
18	3.5	20.0	16	2.5	24.0
DEC.			JULY		
16	2.4	18.5	15	1.4	--
MAR.			SEPT.		
16	2.1	--	1	2.7	24.0
APR.					
16	3.3	23.5			

SANTA FE RIVER BASIN

02322500 Santa Fe River near Fort White, Fla.

LOCATION.--Lat 29°50'55", long 82°42'55", in SE¼ sec.28, T.7 S., R.16 E., Gilchrist County, Hydrologic Unit 03110206, on left bank 2.1 mi (3.4 km) upstream from bridge on State Highway 47, 5.1 mi (8.2 km) south of Fort White, and 18 mi (29 km) upstream from mouth.

DRAINGAGE AREA.--1,017 mi^2 (2,630 km^2).

PERIOD OF RECORD.--October 1927 to January 1930, June 1932 to current year.

GAGE.--Water-stage recorder. Datum of gage is 20.86 ft (6.358 m) above mean sea level (levels by Corps of Engineers). Prior to June 3, 1932, nonrecording gage at several sites within 200 ft (60 m) of present site at various datums. Oct. 1, 1947, to Feb. 10, 1949, auxiliary nonrecording gage and since Feb. 11, 1949, auxiliary water-stage recorder 16 mi (26 km) downstream from base gage at datum 3.5 ft (1.07 m) above mean sea level.

AVERAGE DISCHARGE.--46 years (1927-29, 1932-76), 1,643 ft^3/s (46.53 m^3/s), 21.94 in/yr (557 mm/yr).

EXTREMES.--Current year: Maximum discharge during year, 2,270 ft^3/s (64.3 m^3/s) Oct. 1 (gage height, 2.41 ft or 0.734 m) occurred on recession following peak of Sept. 29, 1975: no independent peak discharge during year; minimum, 844 ft^3/s (23.9 m^3/s) May 10-14, 16; minimum gage height, 0.64 ft (0.195 m) May 10-14, 16.

Period of record: Maximum discharge, 17,000 ft^3/s (481 m^3/s) Sept. 16, 1964 (gage height, 15.34 ft or 4.676 m); minimum, 609 ft^3/s (17.2 m^3/s) May 22, 1957; minimum gage height, 0.45 ft (0.137 m) Mar. 20, 1957.

REMARKS.--Records good.

REVISIONS.--WRD Fla. 1975: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2240	1280	1020	939	1070	1010	910	877	1230	1010	921	904
2	2170	1260	1010	964	1060	997	904	876	1240	1030	909	904
3	2080	1250	1000	1000	1080	989	904	865	1240	1050	901	904
4	2010	1230	999	1030	1120	985	906	861	1250	1070	895	906
5	1960	1210	997	1040	1170	980	904	861	1250	1090	897	904
6	1880	1200	997	1060	1230	973	904	861	1240	1130	991	895
7	1810	1190	997	1070	1250	972	904	859	1280	1190	887	903
8	1750	1180	996	1080	1250	969	905	854	1190	1230	894	908
9	1710	1170	993	1050	1250	968	900	853	1140	1250	907	938
10	1680	1160	980	1060	1230	956	895	851	1110	1260	897	991
11	1670	1150	970	1090	1220	951	896	848	1090	1260	897	1020
12	1680	1150	968	1110	1200	952	903	845	1060	1250	913	1040
13	1680	1140	965	1110	1180	964	903	844	1030	1230	921	1080
14	1670	1120	964	1120	1160	964	902	848	1010	1210	924	1140
15	1650	1120	964	1100	1130	963	897	872	990	1200	924	1190
16	1630	1120	962	1110	1120	966	895	852	974	1190	924	1220
17	1640	1120	956	1110	1110	951	891	866	957	1170	927	1230
18	1590	1110	948	1080	1100	945	889	868	946	1140	925	1230
19	1560	1100	933	1070	1080	951	894	873	936	1100	921	1230
20	1550	1090	939	1080	1070	949	895	885	936	1070	921	1220
21	1530	1080	940	1070	1060	948	892	900	924	1040	921	1220
22	1530	1070	936	1060	1060	941	887	917	918	1030	919	1190
23	1500	1060	930	1050	1040	932	886	977	914	1010	918	1160
24	1470	1060	929	1040	1030	929	880	963	911	1010	916	1140
25	1450	1050	932	1030	1040	929	878	974	910	1010	915	1120
26	1420	1050	936	1020	1030	926	886	982	912	997	913	1120
27	1390	1050	917	1020	1030	924	874	1000	917	980	912	1150
28	1370	1030	911	1000	1020	920	870	1050	936	966	910	1170
29	1340	1030	922	1010	1010	916	870	1110	962	955	908	1210
30	1320	1020	940	1020	---	913	868	1170	975	946	907	1280
31	1290	---	940	1040	---	913	---	1210	---	934	906	---
TOTAL	51220	33850	29791	32633	32400	29546	26792	28472	31378	34008	28241	32517
MEAN	1652	1128	961	1053	1117	953	893	918	1046	1097	911	1084
MAX	2240	1280	1020	1120	1250	1010	910	1210	1280	1260	927	1280
MIN	1290	1020	911	939	1010	913	868	844	910	934	887	895
CFSM	1.62	1.11	.94	1.04	1.10	.94	.88	.90	1.03	1.08	.90	1.07
IN.	1.87	1.24	1.09	1.19	1.19	1.08	.98	1.04	1.15	1.24	1.03	1.19

CAL YR 1975 TOTAL 449140 MEAN 1231 MAX 2330 MIN 911 CFSM 1.21 IN 16.43
WTR YR 1976 TOTAL 390848 MEAN 1068 MAX 2240 MIN 844 CFSM 1.05 IN 14.30

SANTA FE RIVER BASIN

02322590 Cow Creek near Fort White, Fla.

LOCATION.--Lat 29°51'21", long 82°45'24", in SW¼ sec.19, T.7 S., R.16 E., Gilchrist County, Hydrologic Unit 03110206, on downstream side of culvert on State Highway 138, 1.0 mi (1.6 km) west of State Highway 47, 4.3 mi (6.9 km) upstream from mouth and 5.2 mi (8.3 km) south of Fort White.

PERIOD OF RECORD.--Discharge measurements: 1975 (one discharge measurement), October 1975 to September 1976. Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 30 ft (9.1 m) from topographic map.

EXTREMES.--Period of record: Discharge (1975-76): Maximum discharge measured, 32 ft³/s (0.906 m³/s) Oct. 17, 1975, (gage height, 8.74 ft or 2.66 m); minimum measured, 0.99 ft³/s (0.028 m³/s) June 17, 1976 (gage height, 7.15 ft or 2.18 m)
Water temperatures (1975-76): Maximum temperature observed, 23.0°C Sept. 1, 1976, minimum observed, 18.0°C March 17, 1976.

REMARKS.--Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURES, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT. 17	32	22.0	APR. 26	1.2	20.5
NOV. 18	5.8	--	MAY 18	10	--
DEC. 16	2.1	--	JUNE 17	.99	22.0
MAR. 17	2.6	18.0	JULY 15	11	--
APR. 16	1.0	20.5	SEPT. 1	5.1	23.0

02322660 Rose Creek near Columbia, Fla.

LOCATION.--Lat 30°04'23", long 82°40"38", in NE¼ sec.11, T.5 S., R.16 E., Columbia County, Hydrologic Unit 03110206, on downstream side of bridge on Walter Little Road, 0.2 mi (0.3 km) north from State Highway 240, 1.4 mi (2.2 km) east of Columbia and 0.9 mi (1.4 km) upstream from mouth.

DRAINAGE AREA.--26.2 mi² (67.9 km²)

PERIOD OF RECORD.--Discharge measurements: 1965, 1967, (one discharge measurement made each year). October 1975 to September 1976. Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 55 ft (16.8 m) from topographic map.

EXTREMES.--Period of record: Discharge (1975-76): Maximum discharge measured 2.2 ft³/s (0.062 m³/s) Mar. 16, 1976; no flow observed in 1965, 1967, and many months of 1976.
Water temperatures (1975-76): Observed 18.0°C March 16, 1976.

REMARKS.--Flow at this site is mostly underground. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
MAR. 16	2.2	18.0

SANTA FE RIVER BASIN

02322700 Ichetucknee Springs near Hildreth, Fla.

LOCATION.--Lat 29°57'09", long 82°47'10", in NW¼ sec.23, T. 6 S., R. 15 E., Suwannee County, Hydrologic Unit 03110206, on Ichetucknee River near center of span on upstream side of bridge on U.S. Highway 27, 1.0 mi (1.6 km) east of Hildreth, 1.5 mi (2.4 km) upstream from mouth, and 3.0 mi (4.8 km) downstream from head of springs.

PERIOD OF RECORD.--Disharge measurements: 1917, 1929-30 (one discharge measurement each year), January 1931 to current year. Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level.

EXTREMES.--Period of record: Discharge (1917, 1929-30, 1931-76): Maximum discharge measured, 578 ft^3/sec (16.4 m^3/s) Apr. 29, 1948; Maximum gage height observed, 34.05 ft (10.378 m) Apr. 12, 1948, from floodmarks (backwater from Santa Fe River); minimum observed 14.67 ft (4.471 m) July 11, Aug. 22, 1956, Feb. 13, 1957.

Water temperatures (1975-76): Maximum temperature observed, 23.0°C Nov. 6, 1975; minimum observed, 14.0°C Jan. 12, 1976.

REMARKS.--Discharge measurements made at bridge on U.S. Highway 27, surface inflow between springs and measuring section is negligible except after heavy rains. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U. S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
NOV.		
6	382	23.0
JAN.		
12	374	14.0
MAR.		
8	345	

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

02323500 Suwannee River near Wilcox, Fla.

LOCATION.--Lat 29°35'22", long 82°56'12", in NW¼ sec.29, T.10 S., R.14 E., Levy County, Hydrologic Unit 03110205, on left bank about 400 ft (120 m) downstream from Fort Fannin Bridge on U.S. Highway 19, 2 mi (3 km) southwest of Wilcox and 33 mi (53 km) upstream from mouth.

DRAINAGE AREA.--9,640 mi² (25,000 km²), approximately, includes part of watershed in Okefenokee swamp which is indeterminate.

PERIOD OF RECORD.--October 1930 to September 1931, October 1941 to current year. Monthly discharge only for some periods, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 0.53 ft (0.162 m), below mean sea level. Prior to July 4, 1931, nonrecording gage at site 400 ft (120 m) upstream at same datum. July 4 to Sept. 30, 1931, and Mar. 26 to May 14, 1942, water-gage recorder, and May 15, 1942, to Jan. 24, 1951, nonrecording gage at present site and datum. Since Feb. 1, 1951, auxiliary water-stage recorder about 9 mi (14 km) downstream from base gage at datum 2.99 ft (0.911 m) below mean sea level.

AVERAGE DISCHARGE.--35 years, 10,610 ft³/s (300.5 m³/s), 14.95 in/yr (380 mm/yr): WRD Fla. 1975.
36 years, 10,585 ft³/s (299.8 m³/s), 14.91 in/yr (378 mm/yr).

EXTREMES.--Current year: Maximum discharge, 20,200 ft³/s (572 m³/s) June 8 (gage height, 9.07 ft or 2.764 m); minimum daily, 5,490 ft³/s (155 m³/s) May 15; minimum gage height, 2.22 ft (0.676 m) Dec. 19.
Period of record: Maximum discharge, 84,700 ft³/s (2,400 m³/s) Apr. 14, 1948 (gage height, 22.32 ft or 6.803 m); minimum daily since January 1951, 3,270 ft³/s (92.6 m³/s) Feb. 24, 1957; minimum gage height since January 1951, 0.57 ft (0.174 m) Jan. 19, 1957.

REMARKS.--Records good above 17,500 ft³/s (496 m³/s) and fair below. Flow generally affected by tide when discharge is less than 17,500 ft³/s (496 m³/s).

REVISIONS.--WSP 1905: WRD Fla. 1975: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9170	9320	6160	7280	8950	9360	9390	5560	16500	13600	8820	7410
2	8750	8540	6140	7200	11100	9290	9640	6290	17700	13500	8580	7000
3	9160	7910	6980	7100	11100	9250	9480	6660	18600	14000	8630	7770
4	9000	7780	6820	8510	11500	9020	9110	7070	19200	13800	8920	7480
5	8460	7410	6550	9340	12100	8880	9070	6390	19700	13500	8760	7260
6	8850	7900	6310	9330	12300	8900	8970	6270	20000	13600	8570	7070
7	9200	6900	6930	8620	13000	8970	9840	6220	20100	13600	8280	7060
8	9310	7050	5900	9150	13300	8680	9760	6230	20100	13700	8180	7230
9	9350	6950	5510	11100	13400	7680	9920	6460	20100	13700	7860	7280
10	9590	7050	7060	10700	13500	9080	9360	6130	19900	13800	8120	7190
11	9830	7290	6900	10100	13200	9370	8480	5820	19600	13900	8210	7680
12	9940	7840	6560	9860	13100	9000	8420	5770	19300	13700	8220	7820
13	10000	6390	6480	10000	12800	8970	8210	5700	18900	13600	8270	8260
14	9920	9120	6300	10000	12700	9210	7730	5510	18500	13700	7970	8060
15	9340	8780	6050	10600	12500	8880	7720	5490	18000	[illegible]	8040	8080
16	9170	8090	5960	9840	12000	8000	7440	6410	16800	[illegible]	8430	8050
17	8420	7770	5820	9950	11700	10200	7400	6790	15900	[illegible]	8640	8090
18	8210	7540	6820	11400	11100	9890	7590	6950	15500	[illegible]	9380	8140
19	9050	7660	7580	11200	11400	8970	7870	8160	15000	13700	9380	7900
20	9470	7260	6530	10800	11500	9350	7520	8370	14400	13500	8770	7630
21	9640	6220	6470	10200	11200	9250	7490	8190	14100	13100	8310	7250
22	9440	6940	7010	10500	11000	10300	7530	7730	13900	12500	8070	7290
23	8960	7050	6340	10300	12400	10900	7390	7180	14000	12000	7820	7250
24	8950	7910	6430	9790	11800	10300	7100	8430	13800	11300	7720	7260
25	9340	7230	5550	9420	11100	9620	6050	9570	13700	10400	7310	7120
26	8830	7620	6290	9210	10400	9560	6690	10300	13600	10100	7070	6900
27	8780	6220	7070	9510	10300	9000	6880	11200	13600	9780	7240	6930
28	8880	6770	7030	10700	10000	9270	6640	12200	13900	9370	7270	7140
29	9050	7430	6680	10200	9520	9070	6200	13200	14000	9170	7060	7260
30	8530	6870	6340	9910	---	8860	5770	14600	13700	9160	7080	7280
31	8930	---	6480	9790	---	8710	---	15700	---	9060	7440	---
TOTAL	283520	224810	201050	301610	339970	285790	240660	246550	502100	391140	252420	224140
MEAN	9146	7494	6485	9729	11720	9219	8022	7953	16740	12620	8143	7471
MAX	10000	9320	7580	11400	13500	10900	9920	15700	20100	14200	9380	8260
MIN	8210	6220	5510	7100	8950	7680	5770	5490	13600	9060	7060	6900
CFSM	.95	.78	.67	1.01	1.22	.96	.83	.83	1.74	1.31	.84	.78
IN.	1.09	.87	.78	1.16	1.31	1.10	.93	.95	1.94	1.51	.97	.86

CAL YR 1975 TOTAL 4622050 MEAN 12660 MAX 27400 MIN 5510 CFSM 1.31 IN 17.84
WTR YR 1976 TOTAL 3493760 MEAN 9546 MAX 20100 MIN 5490 CFSM .99 IN 13.48

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

02323500 Suwannee River near Wilcox, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.20	3.96	3.54	3.47	5.10	4.42	4.40	3.73	7.76	6.59	4.63	3.81
2	5.30	4.07	3.38	3.40	5.16	4.31	4.17	3.54	8.13	6.53	4.56	3.80
3	5.08	4.19	3.26	3.74	4.99	4.19	4.14	3.15	8.44	6.42	4.55	3.75
4	4.92	4.19	3.26	3.60	5.00	4.13	4.25	2.78	8.70	6.37	4.34	3.82
5	4.95	4.06	3.30	3.36	5.04	4.12	4.32	2.84	8.89	6.39	4.18	3.90
6	4.96	4.11	3.32	3.54	5.16	4.05	4.32	3.08	8.99	6.39	4.20	3.91
7	5.03	4.16	3.37	3.92	5.23	3.93	4.12	3.09	9.04	6.41	4.24	3.92
8	5.05	4.04	3.26	4.27	5.25	3.85	4.05	3.26	9.06	6.44	4.29	3.89
9	4.85	3.95	3.15	3.77	5.38	4.24	3.96	3.06	9.02	6.54	4.37	3.84
10	4.72	3.80	2.81	3.73	5.42	4.01	3.99	3.08	8.95	6.59	4.43	3.97
11	4.65	3.81	2.79	4.03	5.51	3.70	4.28	3.32	8.86	6.59	4.34	3.87
12	4.67	4.18	2.99	4.13	5.58	3.97	4.43	3.46	8.72	6.63	4.26	3.78
13	4.64	3.45	3.09	4.27	5.61	4.30	4.30	3.53	8.57	6.67	4.14	3.69
14	4.67	3.00	3.30	4.37	5.59	4.31	4.29	3.68	8.39	6.67	4.19	3.69
15	4.77	3.17	3.43	4.19	5.55	4.39	4.30	4.20	8.18	6.62	4.22	3.81
16	4.84	3.46	3.61	4.37	5.53	4.77	4.20	3.88	7.97	6.51	4.11	3.89
17	5.51	3.55	3.81	4.62	5.51	4.28	4.13	3.80	7.73	6.39	4.00	3.90
18	5.21	3.52	3.49	4.18	5.53	3.96	3.97	3.75	7.42	6.30	3.76	3.89
19	4.64	3.64	2.58	4.13	5.47	4.20	3.69	3.50	7.12	6.16	3.53	3.93
20	4.41	3.83	2.88	4.21	5.19	4.32	3.57	3.48	6.93	5.98	3.61	4.05
21	4.38	3.80	3.25	4.38	5.02	4.35	3.55	3.71	6.81	5.77	3.80	4.22
22	4.50	3.44	2.83	4.31	5.01	4.17	3.40	4.09	6.65	5.60	3.83	4.25
23	4.56	3.17	3.15	4.23	4.59	3.87	3.30	4.81	6.57	5.44	3.85	4.17
24	4.47	3.28	3.18	4.31	4.31	3.91	3.29	4.97	6.47	5.29	3.84	4.09
25	4.45	3.35	3.68	4.36	4.30	4.25	3.57	4.64	6.41	5.24	3.87	4.03
26	4.45	3.55	4.07	4.45	4.47	4.35	3.84	4.92	6.43	5.15	4.03	4.10
27	4.34	3.65	3.24	4.38	4.39	4.51	3.31	5.36	6.48	5.05	3.97	4.10
28	4.12	3.41	3.02	3.91	4.36	4.51	3.16	5.90	6.51	5.03	3.89	3.98
29	4.18	3.50	3.07	3.95	4.39	4.41	3.27	6.48	6.59	4.97	3.87	3.90
30	4.04	3.71	3.54	4.29	---	4.45	3.50	6.94	6.58	4.86	3.85	3.95
31	3.81	---	3.91	4.61	---	4.53	---	7.36	---	4.72	3.78	---
MEAN	4.69	3.70	3.28	4.08	5.09	4.22	3.90	4.11	7.75	6.01	4.08	3.93
MAX	5.51	4.19	4.07	4.62	5.61	4.77	4.43	7.36	9.06	6.67	4.63	4.25
MIN	3.81	3.00	2.58	3.36	4.30	3.70	3.16	2.78	6.41	4.72	3.53	3.69

CAL YR 1975 MEAN 6.03 MAX 11.80 MIN 2.58
WTR YR 1976 MEAN 4.56 MAX 9.06 MIN 2.58

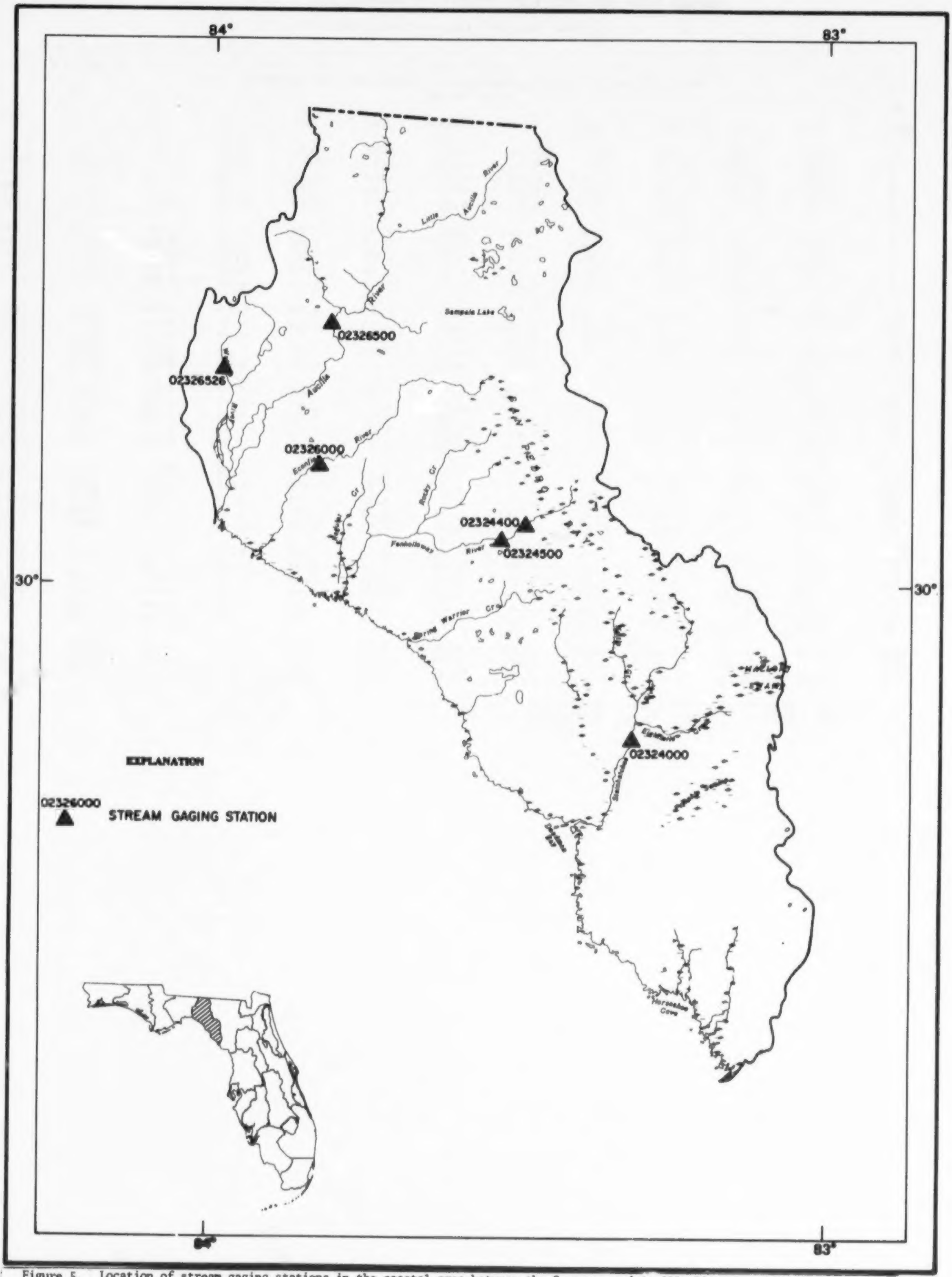
84°
83°
30°
30°
84°
83°
Little Aucilla River
Aucilla River
Sampala Lake
02326500
02326526
Aucilla
02326000
Econfina River
Rocky Cr
02324400
02324500
Fenholloway River
Spring Warrior Cr
02324000
Steinhatchee
Horseshoe Cove
EXPLANATION
02326000
STREAM GAGING STATION

Figure 5. Location of stream gaging stations in the coastal area between the Suwannee and Aucilla Rivers, and the Aucilla River basin.

COASTAL AREA BETWEEN SUWANNEE RIVER AND AUCILLA RIVERS

02324000 Steinhatchee River near Cross City, Fla.

LOCATION.--Lat 29°47'11", long 83°19'18", in NE¼ sec.16, T.8 S., R.10 E., Taylor County, Hydrologic Unit 03110102, on right bank 0.7 mi (1.1 km) downstream from Atlantic Coast Line Railroad bridge, 0.7 mi (1.1 km) south of Clara, 13 mi (21 km) upstream from mouth, and 16 mi (26 km) northwest of Cross City.

DRAINAGE AREA.--350 mi^2 (907 km^2), approximately. See REMARKS.

PERIOD OF RECORD.--February 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 7.84 ft (2.390 m) above mean sea level.

AVERAGE DISCHARGE.--26 years, 319 ft^3/s (9.034 m^3/s), 12.38 in/yr (314 mm/yr).

EXTREMES.--Current year: Maximum discharge, 464 ft^3/s (13.1 m^3/s) Feb. 1, (gage height, 5.34 ft or 1.628 m); minimum 15 ft^3/s (0.42 m^3/s) May 14 (gage height, 2.60 ft or 0.792 m).

Period of record: Maximum discharge, 17,600 ft^3/s (498 m^3/s) Sept. 13, 14, 1964 (gage height, 18.90 ft or 5.761 m); minimum, 3.4 ft^3/s (0.10 m^3/s) June 27, 28, 1950; (gage height, 2.44 ft or 0.744 m) June 27, 28, 1950, June 23, 24, 1955.

REMARKS.--Records fair. Below about 500 ft^3/s (14.2 m^3/s), all of flow enters sinkhole 0.5 mi (0.8 km) downstream from gage. Above about 4,000 ft^3/s (113 m^3/s), discharge measurements are made along U.S. Highway 19 (98 and Alternate 27); measurements include all flow from about 3 mi (5 km) northwest to 5 mi (8 km) southeast of main channel, drainage area is increased by about 3 mi^2 (78 km^2).

REVISIONS (WATER YEARS).--WSP 1234: 1950.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	396	81	35	242	373	112	121	26	140	273	27	109
2	353	76	35	255	458	106	107	26	132	445	28	103
3	310	71	34	255	458	100	96	25	135	438	35	126
4	273	68	34	262	454	107	85	23	137	403	82	115
5	253	64	33	242	442	110	76	20	157	355	81	100
6	292	61	32	230	424	106	72	19	152	308	72	91
7	294	58	31	223	396	101	85	18	143	277	65	175
8	316	61	31	260	355	94	76	18	129	249	61	412
9	338	61	41	290	323	107	73	18	113	218	80	398
10	357	58	54	288	296	135	68	19	96	210	65	366
11	346	58	47	283	275	152	62	18	82	192	57	329
12	316	57	44	275	257	185	57	17	71	170	49	283
13	279	72	43	262	241	217	54	17	63	152	43	253
14	246	73	40	248	223	220	51	16	52	135	55	237
15	217	70	39	230	210	210	55	30	44	118	60	220
16	194	67	38	215	197	204	54	41	39	100	54	199
17	199	64	38	227	187	220	48	44	51	85	48	178
18	266	61	43	215	175	203	43	47	63	73	44	160
19	268	58	43	203	173	194	38	45	52	65	37	141
20	251	54	41	194	178	185	34	39	72	58	31	125
21	227	51	41	185	168	175	31	35	115	57	30	109
22	206	49	40	176	168	170	29	33	90	63	27	96
23	190	47	39	166	171	166	27	55	100	57	24	83
24	173	44	38	158	160	152	25	73	147	47	20	77
25	157	44	38	150	153	138	23	100	173	40	19	73
26	146	41	55	146	147	128	44	129	150	35	54	67
27	135	40	68	213	138	121	48	152	128	32	129	61
28	121	39	69	279	129	149	37	161	120	29	143	54
29	112	38	68	312	120	144	31	153	137	29	129	48
30	103	37	100	333	---	137	28	150	146	27	110	51
31	93	---	178	335	---	131	---	146	---	29	113	---
TOTAL	7427	1723	1510	7352	7449	4679	1678	1713	3229	4769	1872	4839
MEAN	240	57.4	48.7	237	257	151	55.9	55.3	108	154	60.4	161
MAX	396	81	178	335	458	220	121	161	173	445	143	412
MIN	93	37	31	146	120	94	23	16	39	27	19	48
CFSM	.69	.16	.14	.68	.73	.43	.16	.16	.31	.44	.17	.46
IN.	.79	.18	.16	.78	.79	.50	.18	.18	.34	.51	.20	.51

CAL YR 1975 TOTAL 121355 MEAN 332 MAX 1180 MIN 31 CFSM .95 IN 12.90
WTR YR 1976 TOTAL 48240 MEAN 132 MAX 458 MIN 16 CFSM .38 IN 5.13

PEAK DISCHARGE (BASE, 1,200 ft^3/s).--No peak above base.

COASTAL AREA BETWEEN SUWANNEE AND AUCILLA RIVERS

02324400 Fenholloway River near Foley, Fla.

LOCATION.--Lat 30°05'53", long 83°28'19", in NE¼ sec.36, T.4S., R.8E., Taylor County, Hydrologic Unit 03110102, near left bank at downstream side of bridge on U.S. Highway 27, 1.8 mi (2.9 km) upstream from small tributary, 4 mi (6 km) northeast of Foley, and 32 mi (51 km) upstream from mouth.

DRAINAGE AREA.--About 60 mi^2 (155 km^2).

PERIOD OF RECORD.--February to August 1955 (discharge measurements only), September 1955 to current year.

GAGE.--Water-stage recorder. Datum of gage is 53.59 ft (16.334 m) above mean sea level (Florida State Road Department bench mark).

AVERAGE DISCHARGE.--21 years, 57.8 ft^3/s (1.637 m^3/s), 41,876 acre ft/yr (51.6 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 159 ft^3/s (4.50 m^3/s) Sept. 10 (gage height, 6.14 ft or 1.871 m); minimum, 1.1 ft^3/s (0.031 m^3/s) Dec. 8; gage height, 0.76 ft (0.232 m).

Period of record: Maximum discharge, 3,210 ft^3/s (90.9 m^3/s) Sept. 12, 1964 (gage height, 15.21 ft or 4.636 m); minimum, 0.54 ft^3/s (0.015 m^3/s) Nov. 1, 1968; minimum gage height, 0.50 ft (0.152 m) June 29, 30, July 1, 1968.

REMARKS.--Records fair.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	2.4	1.5	21	51	6.1	37	5.1	32	94	6.5	6.9
2	12	2.2	1.5	18	62	5.6	33	4.7	28	90	5.4	16
3	11	2.1	1.4	16	58	5.2	29	4.2	26	78	6.0	7.7
4	9.4	1.9	1.3	15	51	4.9	26	3.7	23	66	7.3	6.4
5	8.9	1.9	1.2	14	45	4.6	23	3.3	33	54	8.5	14
6	8.9	1.8	1.2	13	40	4.6	20	3.0	33	43	8.5	17
7	8.1	1.7	1.2	12	37	4.2	20	2.9	29	42	7.3	68
8	9.8	1.7	1.2	17	33	3.7	18	2.8	24	39	6.9	121
9	9.4	1.7	1.2	24	30	52	16	3.2	21	36	7.9	127
10	8.5	1.7	1.3	23	27	94	15	3.1	17	38	7.3	151
11	7.6	1.7	1.2	20	25	119	13	2.7	14	33	6.2	151
12	6.5	1.7	1.2	19	23	118	12	2.5	12	30	6.0	142
13	5.9	2.1	1.2	17	21	107	11	2.4	10	28	7.3	130
14	5.2	3.2	1.2	16	19	99	11	2.5	8.2	25	11	123
15	4.6	2.9	1.2	15	18	92	13	5.8	7.1	21	13	115
16	4.1	2.7	1.2	14	16	86	14	10	7.3	17	14	104
17	5.1	2.5	1.2	14	15	90	12	20	9.8	14	14	91
18	9.4	2.4	1.4	13	14	87	11	21	9.8	12	15	78
19	9.4	2.2	1.7	12	13	81	9.6	16	9.6	10	13	68
20	8.1	2.1	1.9	12	12	73	8.4	13	34	8.3	12	58
21	7.1	2.1	1.9	11	12	65	7.5	11	72	7.1	11	48
22	6.2	1.9	1.5	10	11	60	6.8	10	66	6.0	9.1	40
23	5.4	1.8	1.4	9.6	11	57	6.2	21	65	6.2	7.7	34
24	4.7	1.8	1.4	9.1	10	51	5.4	59	55	5.9	6.7	31
25	4.3	1.7	1.4	8.5	9.5	45	5.1	70	50	5.1	6.2	31
26	3.9	1.7	1.8	12	8.8	40	8.3	68	41	4.3	7.5	29
27	3.6	1.6	2.3	46	9.0	39	8.5	64	34	3.7	15	25
28	3.5	1.6	2.2	67	7.3	54	6.8	60	61	3.3	9.9	22
29	3.3	1.5	2.2	63	6.5	54	5.8	55	62	6.3	7.6	22
30	2.9	1.5	3.6	58	---	47	5.3	47	90	7.9	6.3	28
31	2.6	---	15	53	---	42	---	38	---	7.1	5.8	---
TOTAL	212.4	59.8	61.1	672.2	694.1	1690.9	417.7	634.9	983.8	841.2	275.9	1905.0
MEAN	6.85	1.99	1.97	21.7	23.9	54.5	13.9	20.5	32.8	27.1	8.90	63.5
MAX	13	3.2	15	67	62	119	37	70	90	94	15	151
MIN	2.6	1.5	1.2	8.5	6.5	3.7	5.1	2.4	7.1	3.3	5.4	6.4
AC-FT	421	119	121	1330	1380	3350	829	1260	1950	1670	547	3780

CAL YR 1975 TOTAL 11582.8 MEAN 31.7 MAX 171 MIN 1.2 AC-FT 22970
WTR YR 1976 TOTAL 8449.0 MEAN 23.1 MAX 151 MIN 1.2 AC-FT 16760

PEAK DISCHARGE (BASE, 300 ft^3/s).--No peak above base.

COASTAL AREA BETWEEN SUWANNEE AND AUCILLA RIVERS

02324500 Fenholloway River at Foley, Fla.

LOCATION.--Lat 30°03'55", long 83°34'29", in NE¼ sec.7, T.5S., R.8E., Taylor County, Hydrologic Unit 03110102, near center of span on downstream side of bridge on U.S. Highway 19, 1.6 mi (2.6 km) west of Foley, 2.4 mi (3.9 km) downstream from clarifier flume of the Buckeye Cellulose Corp. plant, 11.4 mi (18.3 km) upstream from Spring Creek, and 24.4 mi (39.3 km) upstream from mouth.

DRAINAGE AREA.--About 110 mi² (285 km²).

PERIOD OF RECORD.--September 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is 24.85 ft (7.574 m) above mean sea level. Prior to June 24, 1947, nonrecording gage and June 24, 1947, to Feb. 4, 1971, water-stage recorder, at site about 1.6 mi (2.6 km) upstream at datum 4.51 ft (1.375 m) higher.

AVERAGE DISCHARGE.--30 years, 130 ft³/s (3.682 m³/s), 94,185 acre ft/yr (116 hm³/yr).

EXTREMES.--Current year: Maximum discharge, 260 ft³/s (7.36 m³/s) Sept. 10, (gage height, 12.91 ft or 3.935 m); minimum, 10.8 ft³/s (0.31 m³/s) Aug. 15 (gage height, 8.97 ft or 2.734 m).
Period of record: Maximum discharge, 4,810 ft³/s (136 m³/s) Sept. 12, 1964 (gage height, 18.52 ft or 5.645 m), at former site and datum; no flow Jan. 1-5, 1971; minimum gage height, 8.81 ft (2.685 m) Jan. 1, 2, 4, 5, 1971.

REMARKS.--Records fair. Since Feb. 1, 1954, natural flow of stream affected by large ground-water withdrawals by cellulose plant upstream. Records include return flow from plant.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	95	73	80	84	143	81	123	75	118	210	77	80
2	90	75	80	81	152	82	115	76	116	201	76	78
3	84	77	77	82	132	82	110	77	110	191	81	76
4	81	76	77	83	131	81	104	77	113	177	77	76
5	79	77	77	80	127	79	100	76	109	163	76	80
6	81	76	77	78	122	79	98	74	109	150	76	81
7	80	77	77	78	117	78	95	73	103	143	76	102
8	78	80	79	87	111	77	95	81	100	138	78	149
9	75	78	77	79	106	122	91	80	94	133	65	190
10	70	77	77	76	102	140	85	77	89	130	31	228
11	73	77	74	78	100	186	84	76	85	128	19	245
12	74	76	76	79	99	197	83	76	82	119	19	229
13	71	77	79	80	96	194	82	76	80	114	25	211
14	72	75	78	79	93	190	84	77	77	108	21	200
15	73	75	78	79	91	184	82	93	77	104	14	194
16	71	74	79	80	92	190	76	82	85	98	17	186
17	81	74	82	82	89	197	80	82	83	91	20	173
18	79	75	77	79	85	194	78	77	83	87	27	162
19	76	75	78	78	85	185	77	75	80	82	53	152
20	75	75	75	79	95	176	76	74	134	81	71	141
21	73	73	72	79	84	168	78	73	164	81	69	128
22	72	71	73	79	87	160	78	78	179	82	71	119
23	74	72	70	75	83	150	79	88	179	80	72	112
24	76	73	69	78	84	144	79	89	179	78	72	111
25	77	73	72	79	82	139	81	124	165	81	76	111
26	78	77	78	77	78	132	84	150	150	79	82	109
27	77	80	75	137	79	132	78	152	135	78	74	101
28	77	79	74	158	80	140	77	150	132	77	72	95
29	76	77	74	153	82	145	77	143	147	76	72	106
30	76	78	85	149	---	139	77	134	166	78	77	113
31	73	---	91	145	---	133	---	126	---	78	84	---
TOTAL	2387	2272	2386	2813	2497	4376	2606	2861	3523	3516	1820	4138
MEAN	77.0	75.7	77.0	90.7	99.9	141	86.9	92.3	117	113	58.7	138
MAX	95	80	91	158	152	197	123	152	179	210	84	245
MIN	70	71	69	76	78	77	76	73	77	76	14	76
AC-FT	4730	4510	4730	5580	5750	8680	5170	5670	6990	6970	3610	8210

CAL YR 1975 TOTAL 38491 MEAN 105 MAX 240 MIN 20 AC-FT 76350
WTR YR 1976 TOTAL 35595 MEAN 97.3 MAX 245 MIN 14 AC-FT 70600

PEAK DISCHARGE (BASE, 400 ft³/s).--No peak above base.

COASTAL AREA BETWEEN SUWANNEE AND AUCILLA RIVERS

02326000 Econfina River near Perry, Fla.

LOCATION.--Lat 30°10'14", long 83°49'26", in NE¼ sec.4, T.4 S., R.5 E., Taylor County, Hydrologic Unit 03110102, on right bank 10 ft (3 m) downstream from highway bridge, 3.0 mi (4.8 km) downstream from Natural Well Branch, 3.9 mi (6.3 km) upstream from bridge on U.S. Highway 98, 14 mi (23 km) upstream from mouth, and 14.7 mi (23.7 km) northwest of Perry.

DRAINAGE AREA.--198 mi^2 (513 km^2).

PERIOD OF RECORD.--February 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 14.35 ft (4.374 m) above mean sea level, unadjusted.

AVERAGE DISCHARGE.--26 years, 131 ft^3/s (3.710 m^3/s), 8.98 in/yr (228 mm/yr).

EXTREMES.--Current year: Maximum discharge, 365 ft^3/s (10.3 m^3/s) Mar. 14, gage height, 7.72 ft (2.353 m); minimum, 29.4 ft^3/s (0.83 m^3/s) May 7-8; gage height, 2.69 ft (0.820 m).
Period of record: Maximum discharge, 2,540 ft^3/s (71.9 m^3/s) Sept. 17, 1957, gage height, 12.78 ft (3.895 m); minimum, 2.3 ft^3/s (0.065 m^3/s) July 8, 1955; minimum gage height, 1.89 ft (0.576 m) Mar. 2, 3, 1957.

REMARKS.--Records good except for period of no gage-height record, which are poor.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	40	37	135	208	75	241	35	298	310	55	128
2	54	38	37	141	255	72	228	34	283	292	52	122
3	51	36	36	141	244	68	212	34	280	274	72	118
4	48	35	35	146	232	66	195	33	277	259	149	113
5	47	35	35	136	222	63	177	32	334	246	262	106
6	76	34	35	131	212	60	162	30	322	229	307	105
7	92	34	34	129	202	58	154	30	304	227	297	116
8	106	34	34	155	187	55	145	30	287	217	294	160
9	112	34	35	170	172	147	134	30	263	208	282	183
10	107	34	35	169	160	273	124	32	236	226	257	193
11	97	34	35	165	150	282	116	33	206	216	232	204
12	86	35	34	160	142	323	108	31	180	199	212	215
13	76	70	34	152	134	352	101	31	156	192	221	214
14	68	77	34	142	128	363	96	31	137	178	218	203
15	61	79	33	132	121	352	94	57	122	163	249	184
16	56	77	33	126	115	340	87	79	141	146	225	162
17	60	68	33	130	109	344	80	99	171	131	204	145
18	88	63	34	120	105	334	74	106	143	118	197	131
19	94	58	35	115	105	319	67	103	133	112	186	119
20	91	54	36	112	106	305	62	91	178	105	172	109
21	80	52	35	108	107	289	56	77	239	93	160	99
22	73	49	34	102	108	276	52	72	240	83	150	89
23	67	47	33	97	107	268	49	82	249	75	137	80
24	61	46	33	93	103	254	45	117	261	68	125	75
25	57	44	32	91	100	240	43	146	280	63	113	76
26	53	43	41	106	95	226	43	207	287	58	120	77
27	51	41	60	120	90	222	41	277	282	54	128	71
28	48	40	68	150	85	245	40	321	285	50	126	65
29	46	39	68	170	80	246	37	339	292	48	114	61
30	44	38	67	180	---	246	36	335	314	49	105	63
31	41	---	103	178	---	247	---	318	---	54	127	---
TOTAL	2146	1408	1268	4202	4184	7010	3099	3272	7180	4743	5548	3786
MEAN	69.2	46.9	40.9	136	144	226	103	106	239	153	179	126
MAX	112	79	103	180	255	363	241	339	334	310	307	215
MIN	41	34	32	91	80	55	36	30	122	48	52	61
CFSM	.35	.24	.21	.69	.73	1.14	.52	.54	1.21	.77	.90	.64
IN.	.40	.26	.24	.79	.79	1.32	.58	.61	1.35	.89	1.04	.71

CAL YR 1975 TOTAL 60324 MEAN 165 MAX 706 MIN 32 CFSM .83 IN 11.33
WTR YR 1976 TOTAL 47846 MEAN 131 MAX 363 MIN 30 CFSM .66 IN 8.99

NOTE.--No gage-height record Dec. 21 to Feb. 2.

AUCILLA RIVER BASIN

02326500 Aucilla River at Lamont, Fla.

LOCATION.--Lat 30°22'11", long 83°48'25", in NE¼ sec.27, T.1S., R.5E., Madison County, Hydrologic Unit 03110103, near left bank on downstream side of bridge on U.S. Highway 19, 0.6 mi (1.0 km) southeast of Lamont, and 34 mi (55 km) upstream from mouth.

DRAINAGE AREA.--747 mi^2 (1,935 km^2).

PERIOD OF RECORD.--February 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 42.90 ft (13.076 m) above mean sea level, unadjusted. Prior to Jan. 30, 1958, water-stage recorder at site 65 ft (20 m) upstream at same datum. Since Nov. 27, 1963, auxiliary nonrecording gage 0.5 mi (0.8 km) downstream at same datum.

AVERAGE DISCHARGE.--26 years, 366 ft^3/s (10.36 m^3/s) 6.65 in/yr (169 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,350 ft^3/s (94.9 m^3/s) May 30 (gage height, 11.73 ft or 3.575 m); minimum, 24 ft^3/s (0.68 m^3/s) Sept. 27, 28 (gage height, 5.81 ft or 1.771 m).

Period of record: Maximum discharge, 11,500 ft^3/s (326 m^3/s) Apr. 8, 1973, gage height, 16.57 ft (5.050 m); no flow for many days in 1955, 1957, 1963, Oct. 10, 11, 1968; river dry at gage June 13-16, 1955.

REMARKS.--Records fair. Pumpage above and below station for irrigation during dry seasons. Since Aug. 27, 1963, low-head rock and concrete dam 0.6 mi (1.0 km) downstream.

REVISIONS (WATER YEARS).--WSP 1504: 1953; WSP 1204, 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	183	103	53	398	875	272	661	111	3100	589	95	51
2	179	97	51	453	890	257	626	176	2800	585	89	51
3	171	92	44	526	865	247	585	259	2490	605	98	48
4	162	85	43	557	851	237	545	292	2260	635	112	46
5	157	76	42	545	832	227	504	308	2240	648	100	50
6	202	68	41	511	817	218	473	313	1980	656	86	57
7	268	62	40	480	808	211	457	299	1800	692	81	59
8	299	60	41	504	790	202	425	292	1590	692	78	64
9	308	59	50	534	758	404	392	285	1370	665	75	67
10	318	57	54	553	719	688	361	259	1170	639	72	63
11	318	56	52	609	674	715	332	239	1080	614	65	59
12	299	59	49	656	635	715	306	227	990	593	61	54
13	270	87	47	670	597	736	285	214	900	557	84	51
14	241	93	45	652	561	772	266	207	808	515	95	48
15	214	93	44	622	522	754	255	522	719	463	95	45
16	191	93	43	585	490	754	[illegible]	520	665	407	91	42
17	202	93	43	565	463	804	[illegible]	661	614	358	86	39
18	245	94	52	526	437	790	212	706	561	320	86	36
19	249	93	54	490	425	754	195	674	530	287	81	33
20	235	92	52	463	413	719	179	609	557	255	76	31
21	223	91	51	437	398	679	164	545	648	227	72	29
22	211	85	51	413	401	643	150	507	719	207	65	28
23	196	78	50	386	395	614	137	601	741	229	58	26
24	183	73	49	363	372	577	123	865	799	198	53	26
25	170	66	49	342	355	537	115	1080	836	170	64	28
26	159	62	78	347	339	504	120	1310	827	156	107	27
27	147	59	92	545	322	518	115	1580	772	137	84	25
28	137	58	90	723	303	656	116	1990	706	121	74	25
29	129	56	89	785	285	683	113	2770	648	108	61	34
30	120	54	124	836	---	679	104	3270	597	116	51	51
31	111	---	281	855	---	679	---	3300	---	126	51	---
TOTAL	6497	2294	1944	16931	16592	17245	8798	24991	35517	12570	2446	1293
MEAN	210	76.5	62.7	546	572	556	293	806	1184	405	78.9	43.1
MAX	318	103	281	855	890	804	661	3300	3100	692	112	67
MIN	111	54	40	342	285	202	104	111	530	108	51	25
CFSM	.28	.10	.08	.73	.77	.74	.39	1.08	1.59	.54	.11	.06
IN.	.32	.11	.10	.84	.83	.86	.44	1.24	1.77	.63	.12	.06

CAL YR 1975 TOTAL 207749 MEAN 569 MAX 3280 MIN 40 CFSM .76 IN 10.35
WTR YR 1976 TOTAL 147118 MEAN 402 MAX 3300 MIN 25 CFSM .54 IN 7.33

AUCILLA RIVER BASIN

02326526 Wacissa River near Wacissa, Fla.

LOCATION.--Lat 30°18'04", long 83°58'47", in NE¼ sec.24, T.2S., R.3 E., Jefferson County, Hydrologic Unit 03110103, near left bank 200 ft (61 m) upstream from midstream island, 2.1 mi (3.4 km) upstream from Welaunee Creek and 4.0 mi (6.4 km) south of Wacissa.

DRAINAGE AREA.--30 mi^2 (78 km^2), roughly approximate.

PERIOD OF RECORD.--Discharge measurements: August 1971 to current year.
Temperature observations: See REMARKS.

GAGE.--Nonrecording gage. Altitude of gage is 25.0 ft (7.62 m) from topographic map.

AVERAGE DISCHARGE.--28 measurements, 390 ft^3/s (11.04 m^3/s).

EXTREMES.--Period of record: Discharge (1971-76): Maximum discharge measured, 605 ft^3/s (17.1 m^3/s), Apr. 17, 1973; maximum gage height observed, 4.92 ft (1.500 m), Apr. 8, 1973; minimum 271 ft^3/s (7.67 m^3/s), Nov. 21, 1974, gage height, 2.63 ft (0.802 m).
Water temperatures: Maximum temperature observed, 27.5°C Aug. 21, 1975, minimum observed, 16.0°C Dec. 19, 1975.

REMARKS.--Discharge measurements made about 0.5 mi (0.8 km) above midstream island and about 1.7 mi (2.7 km) downstream from head of spring. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U. S. Geological Survey.

DISCHARGE MEASUREMENTS, AND WATER TEMPERATURE WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT.		
10	374	-----
DEC.		
19	418	-----
FEB.		
23	588	-----

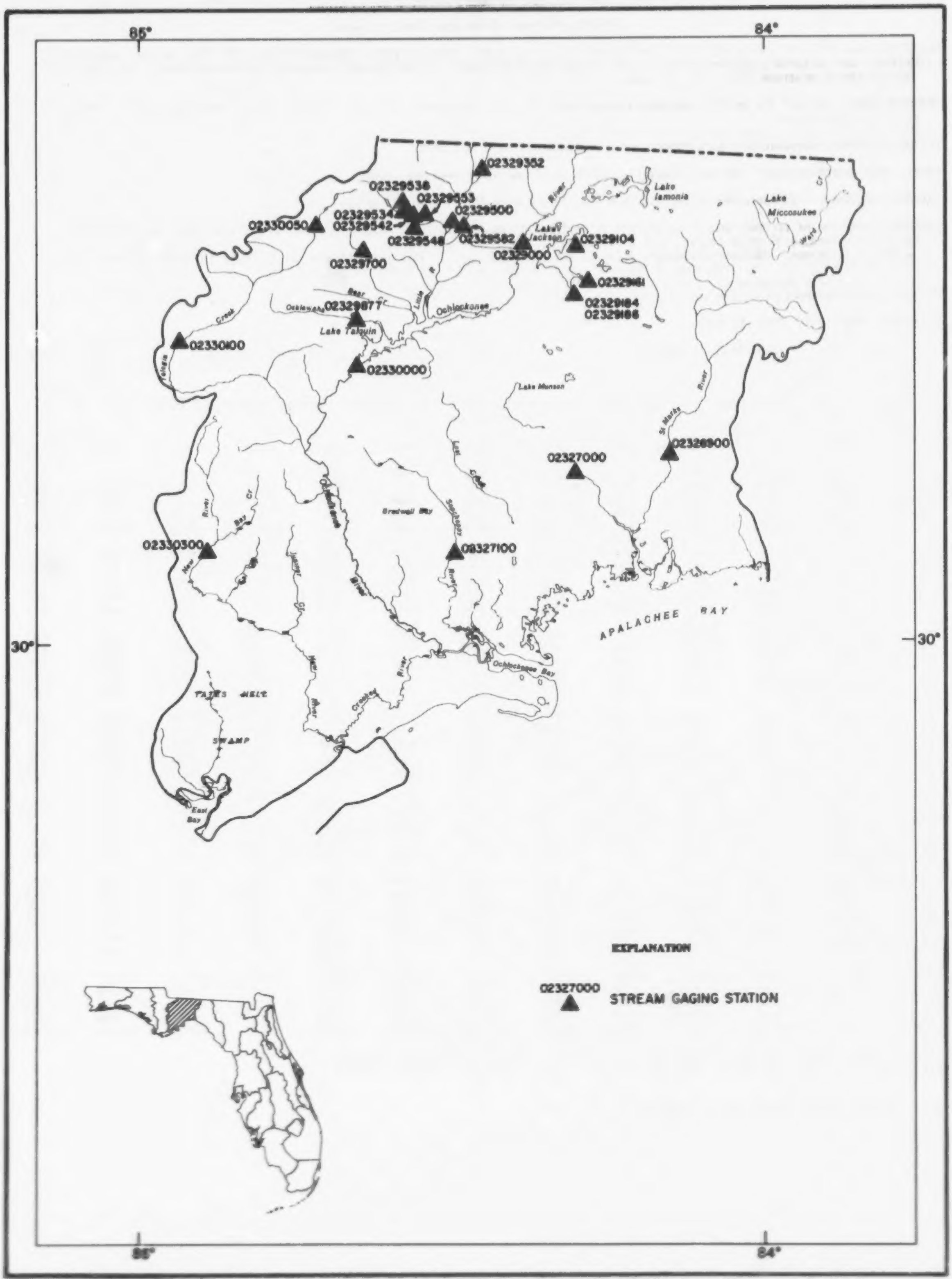
85°
84°
30°
30°
02329352
02329538
02329553
02329534
02329542
02329500
02330050
02329546
02329582
02329000
02329104
02329700
02329161
02329184
02329186
02329877
02330100
02330000
02327000
02326900
02330300
02327100
Lake Iamonia
Lake Miccosukee
Lake Jackson
Lake Talquin
Lake Munson
Ochlockonee
Ochlawaha
Bear Cr
Little R
River
Creek
Telogia
St Marks River
Ward
New River
Bay Cr
Lost Creek
Sopchoppy River
Bradwell Bay
Crooked River
New River
APALACHEE BAY
Ochlockonee Bay
TATES HELL
SWAMP
East Bay
EXPLANATION
02327000
STREAM GAGING STATION

Figure 6. Location of stream gaging stations in the coastal area between the Aucilla and Ochlockonee Rivers, and in the St. Marks, Wakulla, and Ochlockonee River basins.

ST. MARKS AND WAKULLA RIVERS AND COASTAL AREA BETWEEN AUCILLA AND OCHLOCKONEE RIVERS

02326900 St. Marks River near Newport, Fla.

LOCATION.--Lat 30°16'00", long 84°09'00", in SE¼ sec.32, T.2S., R.2E., Wakulla County, Hydrologic Unit 03120001, on left bank 0.9 mi (1.4 km) downstream from Rhodes Springs, 6 mi (10 km) north of Newport, 11 mi (18 km) upstream from Wakulla River, and 14 mi (23 km) upstream from mouth.

DRAINAGE AREA.--535 mi² (1,386 km²) includes drainage area for Lake Miccosukee, 290 mi² (751 km²), which contributes to St. Marks River at high stages.

PERIOD OF RECORD.--October 1956 to current year. Discontinued Sept. 30, 1976.

GAGE.--Water-stage recorder. Datum of gage is 3.53 ft (1.076 m) above mean sea level.

AVERAGE DISCHARGE.--20 years, 662 ft³/s, (18.75 m³/s) 479,300 acre-ft/yr, (590.977 hm³/yr).

EXTREMES.--Current year: Maximum discharge, 824 ft³/s (23.3 m³/s) July 12 (gage height, 5.86 ft or 1.786 m); minimum, 469 ft³/s (13.3 m³/s) Dec. 23-25 (gage height, 4.94 ft or 1.506 m).
Period of record: Maximum discharge, 4,750 ft³/s (135 m³/s) Apr. 7, 1973 (gage height, 11.81 ft or 3.600 m); minimum, 310 ft³/s (8.78 m³/s) Apr. 25, 1964, Oct. 4, 6, 1968; (gage height, 4.20 ft or 1.280 m), Mar. 17, 1957.

REMARKS.--Records poor.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	670	573	498	608	715	600	638	560	635	678	639	670
2	670	569	498	626	715	600	655	560	635	687	630	683
3	661	564	493	656	710	601	658	551	639	687	683	683
4	656	560	489	656	705	599	656	547	648	678	678	674
5	652	556	484	626	650	599	642	542	656	674	665	678
6	652	551	484	595	645	598	638	542	656	678	661	683
7	652	547	480	586	640	597	620	538	652	691	652	705
8	648	547	480	591	640	602	602	538	648	696	648	710
9	643	547	480	591	640	618	598	538	643	700	648	696
10	643	542	477	582	640	642	580	538	643	696	670	691
11	639	542	475	582	639	680	575	529	639	721	652	687
12	630	538	475	586	638	715	578	538	635	751	639	678
13	626	538	475	586	636	718	578	547	626	782	635	674
14	621	533	472	578	633	718	600	547	621	782	652	670
15	617	533	472	573	630	717	600	591	621	751	674	665
16	613	529	472	569	627	710	600	578	617	726	687	665
17	643	525	475	569	622	702	591	573	621	715	678	661
18	643	520	475	560	620	690	591	569	617	705	665	661
19	639	520	472	556	618	680	586	556	617	696	656	656
20	635	516	472	556	615	670	586	542	639	687	648	656
21	630	516	472	551	613	660	578	538	661	687	639	656
22	626	511	472	547	610	650	578	542	665	683	635	652
23	621	507	472	551	605	642	579	578	687	678	626	652
24	613	507	469	547	602	632	573	613	715	670	626	661
25	608	502	472	547	615	628	569	635	726	661	626	661
26	600	502	475	569	618	618	569	652	691	652	652	656
27	595	502	475	639	615	610	569	670	678	648	661	656
28	591	502	475	670	602	602	564	705	674	643	656	661
29	582	502	477	674	600	602	560	696	678	643	648	665
30	582	499	502	705	---	602	560	665	687	648	643	670
31	578	---	600	710	---	610	---	643	---	639	665	---
TOTAL	19479	15899	14959	18542	18458	19912	17870	17961	19570	21433	20237	20136
MEAN	628	530	483	598	636	642	596	579	652	691	653	671
MAX	670	573	600	710	715	718	658	705	726	782	687	710
MIN	578	498	469	547	600	597	560	529	617	639	626	652
AC-FT	38640	31540	29670	36780	36610	39500	35450	35630	38820	42510	40140	39940

CAL YR 1975 TOTAL 266989 MEAN 731 MAX 2700 MIN 412 AC-FT 529600
WTR YR 1976 TOTAL 224456 MEAN 613 MAX 782 MIN 469 AC-FT 445200

Note.--No gage-height record Feb. 4 to April 12.

ST. MARKS AND WAKULLA RIVERS AND COASTAL AREA BETWEEN AUCILLA AND OCHLOCKONEE RIVERS

02327000 Wakulla Spring near Crawfordville, Fla.

LOCATION.--Lat 30°14'05", long 84°18'05", in SE¼ sec.11, T.3 S., R.1 W., Wakulla County, Hydrologic Unit 03120001, near right bank on dock at head of spring, 6 mi (10 km) northeast of Crawfordville, and 14 mi (23 km) south of Tallahassee.

PERIOD OF RECORD.--Discharge measurements: 1907, 1917, 1929, 1930 (a single measurement in each year), February 1931 to June 1932, July 1941 to current year

Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Since Aug. 12, 1930, nonrecording gage. Datum of gage is 4.20 ft (1.280 m) above mean sea level, datum of 1929. July 17, 1931, to July 27, 1932, water-stage recorder at same site and datum. Sept. 10, 1941, to Mar. 12, 1953, auxiliary nonrecording gages at McBrides Slough (023270.20) at different datums and since Mar. 12, 1953, supplementary nonrecording gage at McBrides Slough (023270.20) at datum 5.56 ft (1.695 m) above mean sea level, datum of 1929.

AVERAGE DISCHARGE.--286 measurements (1907, 1917, 1929-32, 1941-76), 391 ft^3/s (11.07 m^3/s).

EXTREMES.--Period of record: Discharge (1931-32, 1941-76): Maximum discharge measured, 1,910 ft^3/s (54.1 m^3/s), Apr. 11, 1973; maximum gage height observed, 5.74 ft (1.749 m), Apr. 5, 1973; minimum measured, 25.2 ft^3/s (0.71 m^3/s), June 18, 1931; minimum gage height observed, 1.05 ft (0.320 m), Apr. 14, 1932.

Water temperature (1975-76): Maximum temperature observed, 21.0°C April 12, 1976; minimum observed, 20.5°C Oct. 1, Dec. 4, Feb. 4, 1976.

Discharge at McBrides Slough: (1941-1976): Maximum discharge measured, 291 ft^3/s (8.24 m^3/s), Oct. 8, 1957; no flow observed, 1954-55, 1968-69, 1971.

REMARKS.--Discharge measurements of Wakulla River made at bridge 3 mi (5 km) downstream from spring; discharge measurements of inflow made at two culverts near head of spring and at McBrides Slough, 1.5 mi (2.4 km) downstream from spring. The discharge of spring is difference between that of river and the combined inflow at head of spring and at slough. Prior to 1941, discharge measurements of inflow not made. Slight tide effect at station. Results of miscellaneous temperature observations prior to October 1975, are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS) WAKULLA RIVER	INSTANTANEOUS DISCHARGE (CFS) MCBRIDES SLOUGH AND OTHER SURFACE OUTFLOW	DIFFERENCE OR SPRING FLOW	TEMPERATURE WAKULLA SPRINGS (DEG. C)
Oct. 01...	458	31	427	20.5
Dec. 04...	343	7.0	336	20.5
Feb. 04...	581	35	546	20.5
Apr. 12...	382	11	371	21.0
May 25...	--	12	--	--
Aug. 23...	--	12	--	--

OCHLOCKONEE RIVER BASIN

02327100 Sopchoppy River near Sopchoppy, Fla.
(hydrologic bench-mark station)

LOCATION.--Lat 30°07'45", long 84°29'40", in NW¼ sec.24, T.4 S., R.3 W., Wakulla County, Hydrologic Unit 03120003, Apalachicola National Forest, near left bank on downstream side of bridge on U.S. Forest Road 346A, 4.7 mi (7.6 km) north of Sopchoppy, 5.2 mi (8.4 km) upstream from Duval Branch, and 24 mi (39 km) upstream from mouth.

DRAINAGE AREA.--102 mi² (264.2 km²) revised.

PERIOD OF RECORD.--Water years 1961-64 (annual maximum), June 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Jan. 27, 1961, to June 3, 1964, nonrecording gage and crest-stage gage at same site at datum 9.63 ft (2.935 m) higher.

AVERAGE DISCHARGE.--12 years, 193 ft³/s (5.466 m³/s), 25.70 in/yr (653 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,420 ft³/s (40.2 m³/s) May 26 (gage height, 22.73 ft or 6.928 m); minimum, 3.3 ft³/s (0.093 m³/s) May 4, Sept. 27, 28 (gage height, 8.25 ft or 2.515 m).
Period of record: Maximum discharge, 5,260 ft³/s (149.0 m³/s) July 31, 1975 (gage height, 34.47 ft or 10.506 m), from rating curve extended above 3,500 ft³/s (99.1 m³/s) by velocity-area study; minimum, 1.0 ft³/s (0.028 m³/s) June 29 to July 3, 1968; minimum gage height, 7.94 ft (2.420 m) June 4, 5, 1965.

REMARKS.--Records good.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	170	20	9.2	342	75	19	378	4.2	293	434	147	114
2	123	16	8.7	321	96	17	293	4.1	358	432	112	98
3	161	14	8.2	308	131	15	227	3.7	728	506	126	89
4	149	12	8.0	293	164	14	170	4.2	1040	440	214	68
5	120	10	7.5	279	365	13	127	6.4	1270	324	223	172
6	179	9.4	7.1	263	300	12	97	5.8	1280	273	190	228
7	234	8.7	6.9	350	253	11	80	4.7	1070	332	138	293
8	310	9.4	6.4	234	211	9.7	62	4.6	746	449	110	410
9	461	10	10	350	173	630	49	5.6	529	510	88	328
10	592	10	11	234	139	1040	38	11	395	524	65	254
11	522	10	12	224	118	706	29	21	374	473	45	193
12	406	9.7	11	213	101	479	23	24	285	497	35	140
13	309	11	10	204	87	345	19	23	210	564	47	103
14	240	23	9.2	194	74	268	15	21	150	480	108	74
15	186	44	8.2	184	63	212	14	42	107	371	163	54
16	142	48	7.7	172	55	179	12	69	75	278	177	38
17	188	44	7.7	147	48	182	11	98	53	203	141	26
18	346	40	11	129	43	158	9.2	105	41	140	110	18
19	343	35	14	112	44	132	7.5	98	33	99	85	13
20	298	31	14	98	44	109	6.2	82	60	70	60	9.4
21	243	27	14	86	43	95	5.2	64	203	53	42	7.0
22	193	22	13	75	42	98	13	92	253	62	30	5.5
23	154	19	12	65	45	95	24	370	254	69	21	5.0
24	125	17	11	58	39	86	11	904	223	60	15	5.3
25	100	14	10	53	34	72	11	1300	183	55	11	4.7
26	80	13	18	51	31	61	15	1330	140	68	7.8	4.1
27	62	12	28	51	27	103	9.4	1000	107	72	9.9	3.6
28	48	11	34	62	24	416	7.0	721	152	57	32	5.4
29	39	10	29	49	21	577	5.4	597	323	137	26	32
30	31	9.7	33	49	---	575	4.4	491	506	186	20	38
31	25	---	102	62	---	475	---	378	---	177	80	---
TOTAL	6579	569.9	491.8	5312	2890	7203.7	1772.3	7884.3	11441	8395	2678.7	2833.0
MEAN	212	19.0	15.9	171	99.7	232	59.1	254	381	271	86.4	94.4
MAX	592	49	102	350	365	1040	378	1330	1280	564	223	410
MIN	25	8.7	6.4	49	21	9.7	4.4	3.7	33	53	7.8	3.6
CFSM	2.08	.19	.16	1.68	.98	2.27	.58	2.49	3.74	2.66	.85	.93
IN.	2.40	.21	.18	1.94	1.05	2.63	.65	2.88	4.17	3.06	.98	1.03

CAL YR 1975 TOTAL 113751.7 MEAN 312 MAX 5100 MIN 6.4 CFSM 3.06 IN 41.49
WTR YR 1976 TOTAL 58050.7 MEAN 159 MAX 1330 MIN 3.6 CFSM 1.56 IN 21.17

PEAK DISCHARGE (BASE, 1,200 ft³/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
5-26	0100	22.73	1,420	6-6	0200	21.91	1,310

OCHLOCKONEE RIVER

OCHLOCKONEE RIVER BASIN

02327100 Sopchoppy River near Sopchoppy, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.40	8.90	8.54	13.19	10.05	8.75	13.50	8.31	12.73	13.96	11.12	10.66
2	10.80	8.79	8.52	13.01	10.38	8.70	12.73	8.31	13.30	13.94	10.63	10.42
3	11.30	8.72	8.50	12.88	10.92	8.66	12.03	8.28	16.58	14.61	10.80	10.26
4	11.15	8.65	8.49	12.73	11.33	8.61	11.39	8.30	19.45	14.02	11.89	9.94
5	10.75	8.59	8.47	12.58	13.39	8.57	10.85	8.42	21.58	13.02	11.98	11.40
6	11.50	8.55	8.45	12.42	12.80	8.54	10.40	8.39	21.63	12.52	11.62	12.04
7	12.10	8.52	8.44	13.26	12.31	8.50	10.11	8.33	19.68	13.09	11.01	12.68
8	12.90	8.55	8.42	12.10	11.85	8.46	9.83	8.33	16.75	14.09	10.60	13.76
9	14.20	8.58	8.57	13.26	11.44	15.31	9.58	8.38	14.81	14.65	10.26	13.06
10	15.39	8.59	8.61	12.10	11.02	19.46	9.35	8.60	13.63	14.77	9.87	12.32
11	14.75	8.57	8.63	11.99	10.73	16.40	9.15	8.94	13.46	14.31	9.50	11.66
12	13.73	8.56	8.61	11.88	10.46	14.36	8.98	9.01	12.65	14.53	9.29	11.03
13	12.89	8.62	8.57	11.78	10.23	13.21	8.85	8.99	11.84	15.13	9.54	10.49
14	12.17	8.98	8.54	11.67	10.02	12.46	8.76	8.92	11.16	14.37	10.56	10.03
15	11.58	9.48	8.50	11.56	9.84	11.86	8.70	9.44	10.55	13.44	11.32	9.67
16	11.06	9.56	8.48	11.42	9.69	11.51	8.65	9.94	10.04	12.57	11.48	9.35
17	11.60	9.49	8.48	11.13	9.56	11.54	8.60	10.42	9.67	11.76	11.04	9.06
18	13.23	9.40	8.62	10.88	9.45	11.26	8.54	10.52	9.42	11.03	10.60	8.85
19	13.20	9.29	8.73	10.63	9.44	10.93	8.47	10.41	9.25	10.42	10.20	8.68
20	12.78	9.18	8.72	10.41	9.42	10.58	8.41	10.15	9.73	9.96	9.78	8.55
21	12.20	9.08	8.71	10.22	9.36	10.37	8.36	9.87	11.77	9.66	9.44	8.45
22	11.66	8.97	8.68	10.05	9.33	10.41	8.62	10.28	12.30	9.82	9.17	8.38
23	11.21	8.88	8.64	9.89	9.41	10.37	9.00	13.36	12.32	9.95	8.93	8.35
24	10.82	8.80	8.60	9.75	9.28	10.22	8.63	18.17	11.98	9.80	8.74	8.37
25	10.45	8.73	8.59	9.66	9.17	10.00	8.60	21.83	11.54	9.70	8.59	8.34
26	10.12	8.69	8.85	9.62	9.08	9.80	8.74	22.05	11.03	9.91	8.48	8.30
27	9.82	8.65	9.12	9.63	8.99	10.39	8.55	19.08	10.56	10.00	8.55	8.27
28	9.57	8.61	9.27	9.83	8.90	13.81	8.45	16.53	11.16	9.74	9.19	8.34
29	9.37	8.58	9.14	9.58	8.82	15.25	8.37	15.43	12.99	10.95	9.07	9.21
30	9.19	8.56	9.23	9.58	---	15.23	8.32	14.47	14.61	11.58	8.89	9.35
31	9.03	---	10.47	9.83	---	14.33	---	13.50	---	11.48	10.05	---
MEAN	11.67	8.84	8.72	11.24	10.23	11.54	9.42	11.45	13.27	12.22	10.07	9.98
MAX	15.39	9.56	10.47	13.26	13.39	19.46	13.50	22.05	21.63	15.13	11.98	13.76
MIN	9.03	8.52	8.42	9.58	8.82	8.46	8.32	8.28	9.25	9.66	8.48	8.27

CAL YR 1975 MEAN 12.18 MAX 34.17 MIN 8.42
WTR YR 1976 MEAN 10.73 MAX 22.05 MIN 8.27

OCHLOCKONEE RIVER BASIN

02329000 Ochlockonee River near Havana, Fla.

LOCATION.--Lat 30°33'14", long 84°23'03", in SE¼ sec.24, T.2N., R.2W., Leon County, Hydrologic Unit 03120003, near left bank on downstream side of downstream bridge on divided U.S. Highway 27, 0.8 mi (1.3 km) upstream from Seaboard Air Line Railroad bridge, 4 mi (6 km) downstream from Mill Creek, 5 mi (8 km) southeast of Havana, and 94 mi (151 km) upstream from mouth.

DRAINAGE AREA.--1,140 mi^2 (2,950 km^2), approximately. At site used prior to January 1929, 1,220 mi^2 (3,160 km^2), approximately.

PERIOD OF RECORD.--June 1926 to current year. Published as "at Ochlockonee" June 1926 to December 1929. Records published for both sites December 1928 to December 1929.

GAGE.--Nonrecording gage. Datum of gage is 59.36 ft (18.093 m) above mean sea level, unadjusted. Prior to Jan. 1, 1930, nonrecording gage at site about 10 mi (16.1 km) downstream at datum 0.36 ft (0.110 m) lower. Dec. 12, 1928, to Nov. 17, 1963, at site 100 ft (30 m) upstream at present datum.

AVERAGE DISCHARGE.--50 years, 1,028 ft^3/s (29.11 m^3/s), 12.25 inches per year (311 mm/yr).

EXTREMES.--Current year: Maximum discharge, 9,940 ft^3/s (282 m^3/s) May 28 (gage height, 27.89 ft or 8.501 m); minimum, 122 ft^3/s (3.46 m^3/s) Sept. 23 (gage height, 11.99 ft or 3.655 m).

Period of record: Maximum discharge, 55,900 ft^3/s (1,580 m^3/s) Apr. 4, 1948 (gage height, 35.08 ft or 10.692 m); minimum, 17 ft^3/s (0.48 m^3/s) Oct. 23-28, Nov. 1, 1954; minimum gage height, 10.75 ft (3.277 m) Oct. 31, Nov. 1, 3, 1968.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 822: 1929 (M); WSP 1504: 1929; WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	422	349	278	1380	3970	736	1900	405	4200	2350	345	239
2	408	329	275	1430	4080	692	1860	508	3610	2280	352	231
3	387	312	296	1570	3940	663	1780	447	3070	2360	394	237
4	371	296	330	1740	3720	642	1680	431	2800	2900	562	235
5	364	285	337	1890	3360	616	1600	386	2560	3430	785	222
6	342	274	337	2010	3080	580	1540	349	2480	3270	1000	259
7	364	268	336	2060	2860	553	1480	350	2340	2980	1150	456
8	436	267	350	2080	2630	534	1420	416	2240	2640	1250	571
9	556	270	401	2010	2390	559	1350	455	2070	2410	1310	531
10	679	280	431	1890	2140	636	1250	563	1830	2360	1280	414
11	787	283	439	1830	1890	704	1090	701	1540	2540	1110	353
12	849	300	414	1830	1670	758	903	838	1310	2600	857	319
13	773	385	382	1870	1470	781	717	934	1110	2440	646	289
14	656	413	364	1940	1320	779	609	1000	914	2200	623	259
15	552	464	352	2000	1200	730	544	1040	722	1980	763	231
16	476	475	339	2030	1100	742	487	973	613	1780	704	209
17	479	457	345	1990	1020	847	443	1080	531	1590	653	190
18	681	439	399	1870	962	971	409	1280	485	1410	592	175
19	800	416	506	1700	903	1210	380	1660	491	1230	523	162
20	919	390	594	1520	886	1490	355	2690	639	1050	452	151
21	994	373	662	1370	860	1730	324	5020	984	910	391	140
22	1010	357	688	1270	857	1860	314	5970	1460	798	356	132
23	962	342	665	1170	883	1920	296	5660	2070	700	331	124
24	881	324	606	1090	930	1870	280	5430	2650	611	307	133
25	773	308	564	1000	964	1710	266	5780	3410	540	289	149
26	665	296	577	1010	955	1490	256	7090	4600	481	284	174
27	575	288	630	1590	912	1370	246	9120	4500	435	301	244
28	504	282	722	2140	860	1610	237	9650	3090	400	320	302
29	448	282	844	2380	798	1630	228	7700	3050	375	306	297
30	400	282	998	2890	---	1670	260	6070	2610	356	278	290
31	372	---	1200	3530	---	1800	---	4950	---	348	256	---
TOTAL	18885	10086	15661	56080	52610	33883	24504	88946	63979	51754	18770	7718
MEAN	609	336	505	1809	1814	1093	817	2869	2133	1669	605	257
MAX	1010	475	1200	3530	4080	1920	1900	9650	4600	3430	1310	571
MIN	342	267	275	1000	798	534	228	349	485	348	256	124
CFSM	.53	.29	.44	1.59	1.59	.96	.72	2.52	1.87	1.46	.53	.23
IN.	.62	.33	.51	1.83	1.72	1.11	.80	2.90	2.09	1.69	.61	.25

CAL YR 1975 TOTAL 646313 MEAN 1771 MAX 18400 MIN 231 CFSM 1.55 IN 21.09
WTR YR 1976 TOTAL 442876 MEAN 1210 MAX 9650 MIN 124 CFSM 1.06 IN 14.45

OCHLOCKONEE RIVER

OCHLOCKONEE RIVER BASIN

02329000 Ochlockonee River near Havana, Fla.

GAGE HEIGHT. IN FEET. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.75	14.07	13.33	19.72	24.74	16.98	21.18	14.62	24.92	22.28	13.68	12.90
2	14.64	13.86	13.30	19.88	24.83	16.71	21.09	15.40	24.45	22.11	13.74	12.84
3	14.47	13.69	13.52	20.29	24.72	16.51	20.87	14.94	23.81	22.30	14.15	12.91
4	14.30	13.52	13.87	20.78	24.54	16.36	20.60	14.82	23.27	23.47	15.40	12.90
5	14.23	13.41	13.95	21.17	24.23	16.18	20.39	14.46	22.75	24.29	16.84	12.78
6	14.00	13.29	13.95	21.46	23.83	15.92	20.20	14.07	22.57	24.14	17.85	13.18
7	14.23	13.23	13.94	21.60	23.39	15.73	20.04	14.08	22.25	23.59	18.48	15.06
8	14.86	13.22	14.08	21.64	22.90	15.59	19.86	14.70	22.03	22.88	18.90	15.92
9	15.75	13.25	14.59	21.48	22.37	15.77	19.63	15.00	21.62	22.36	19.12	15.65
10	16.62	13.35	14.82	21.17	21.78	16.32	19.21	15.80	21.00	22.24	19.04	14.78
11	17.23	13.39	14.88	21.00	21.17	16.79	18.58	16.77	20.22	22.62	18.38	14.21
12	17.52	13.56	14.69	21.01	20.58	17.09	17.77	17.47	19.46	22.74	17.27	13.88
13	17.16	14.45	14.42	21.12	20.02	17.20	16.88	17.91	18.68	22.38	16.12	13.58
14	16.46	14.68	14.23	21.30	19.50	17.19	16.13	18.20	17.82	21.81	15.97	13.28
15	15.72	15.07	14.10	21.44	19.01	16.95	15.66	18.38	16.91	21.26	16.86	13.00
16	15.16	15.15	13.97	21.51	18.61	17.01	15.24	18.08	16.16	20.73	16.56	12.79
17	15.18	15.02	14.03	21.41	18.30	17.51	14.91	18.55	15.57	20.20	16.22	12.60
18	16.63	14.88	14.57	21.11	18.03	18.07	14.65	19.36	15.23	19.66	15.80	12.46
19	17.29	14.70	15.38	20.65	17.77	19.07	14.40	20.55	15.27	18.96	15.32	12.34
20	17.84	14.50	16.02	20.15	17.69	20.07	14.13	23.03	16.34	18.23	14.80	12.24
21	18.17	14.32	16.50	19.70	17.57	20.73	13.81	25.50	18.13	17.59	14.34	12.14
22	18.23	14.16	16.68	19.30	17.56	21.09	13.71	26.08	19.99	17.06	13.99	12.07
23	18.03	14.00	16.52	18.92	17.68	21.24	13.52	25.90	21.61	16.53	13.74	12.01
24	17.67	13.81	16.11	18.56	17.89	21.11	13.35	25.76	22.94	15.89	13.50	12.11
25	17.16	13.64	15.81	18.20	18.04	20.68	13.21	25.97	24.27	15.37	13.33	12.28
26	16.52	13.52	15.90	18.25	18.00	20.08	13.11	26.67	25.21	14.93	13.30	12.55
27	15.89	13.44	16.28	20.35	17.81	19.67	13.00	27.57	25.14	14.56	13.48	13.28
28	15.37	13.38	16.91	21.79	17.57	20.42	12.91	27.78	23.84	14.28	13.69	13.90
29	14.95	13.37	17.50	22.35	17.28	20.48	12.82	26.96	23.77	14.03	13.56	13.86
30	14.58	13.37	18.19	23.45	---	20.58	13.15	26.14	22.85	13.82	13.28	13.80
31	14.31	---	19.01	24.38	---	20.94	---	25.45	---	13.72	13.07	---
MEAN	15.97	13.91	15.20	20.81	20.26	18.26	16.47	20.19	20.94	19.55	15.48	13.24
MAX	18.23	15.15	19.01	24.38	24.83	21.24	21.18	27.78	25.21	24.29	19.12	15.92
MIN	14.00	13.22	13.30	18.20	17.28	15.59	12.82	14.07	15.23	13.72	13.07	12.01

CAL YR 1975 MEAN 18.80 MAX 30.34 MIN 13.01
WTR YR 1976 MEAN 17.52 MAX 27.78 MIN 12.01

OCHLOCKONEE RIVER BASIN

02329104 Ox Bottom Creek near Tallahassee, Fla.

LOCATION.--Lat 30°33'02", long 84°18'15", in NE¼ sec.26, T.2N., R.1W., Leon County, Hydrologic Unit 03120003, near right bank 0.5 mi (0.8 km) above Lake Jackson, 1.6 mi (2.6 km) west of State Highway 155, and 7.6 mi (12.2 km) north of Tallahassee.

DRAINAGE AREA.--2.36 mi² (6.11 km²).

PERIOD OF RECORD.--June 1973 to June 1976. (Discontinued).

GAGE.--Water-stage recorder. Datum of gage is 90.50 ft (27.584 m) above mean sea level. Auxiliary gage at stoplog control structure 2,500 ft (762 m) downstream. Datum of auxiliary gage is 86.68 ft (26.420 m) above mean sea level.

EXTREMES.--Maximum discharge during period October 1975 to June 1976, 30 ft³/s (0.85 m³/s) Dec. 31 (gage height, 5.60 ft or 1.707 m); no flow, Apr. 28-30; minimum gage height, 3.08 ft (0.939 m) Apr. 30.

Period of record: Maximum discharge, 100 ft³/s (2.83 m³/s) July 30, 1975 (gage height, 5.85 ft or 1.783 m, observed); no flow many days during 1974 and 1975; minimum gage height, 2.85 ft (0.869 m) June 27, July 6, 7, 1975.

REMARKS.--Records poor. Flow affected by stoplog control structure.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	.28	.54	5.1	4.5	.79	1.1	7.4	1.8	2.2	.13	0
2	4.1	.30	.57	3.3	3.0	.77	.79	1.3	4.3	4.2	1.3	0
3	3.6	.28	.56	2.9	2.3	.78	.68	.68	4.3	3.3	1.1	0
4	3.6	.29	.49	2.6	2.0	.73	.61	.47	6.4	1.8	.60	0
5	3.8	.30	.47	2.1	1.9	.68	.56	.38	3.6	1.9	.42	.05
6	4.6	.31	.48	1.9	1.8	.65	.69	.32	2.5	2.5	.30	.11
7	4.9	.38	.49	1.7	1.7	.62	.73	.33	2.0	2.3	.26	.03
8	5.5	.48	.65	4.7	1.6	.60	.57	.69	1.6	2.4	.25	.02
9	4.7	.37	.90	2.4	1.5	2.3	.49	.56	1.4	1.3	.16	0
10	4.2	.35	.63	1.9	1.4	1.2	.42	.41	1.2	.90	.05	.03
11	3.9	.34	.53	1.7	1.4	.87	.40	.32	1.0	.74	0	.04
12	3.9	.63	.54	2.0	1.3	.78	.37	.28	.84	.64	0	0
13	3.7	1.4	.51	1.6	1.3	1.5	.37	.28	.61	.55	0	0
14	3.7	.73	.50	1.4	1.2	1.1	.38	.37	.49	.45	0	0
15	3.6	.61	.49	1.2	1.2	.85	.36	1.8	.43	.31	.10	0
16	3.6	.60	.54	1.1	1.1	1.6	.31	1.1	.45	.22	.22	0
17	10	.56	.73	1.1	1.1	1.2	.28	1.2	.49	.19	.11	0
18	2.3	.52	.77	.87	1.1	.90	.26	.51	.55	.34	.55	0
19	1.6	.50	.57	.81	1.1	.78	.24	.35	.92	.24	.12	0
20	1.4	.49	.57	.85	1.0	.71	.21	.28	2.1	.19	0	0
21	1.1	.48	.56	.91	.95	.67	.20	.25	1.4	.08	0	0
22	.98	.45	.56	.90	1.5	.71	.18	1.2	.82	.04	0	0
23	.80	.48	.53	.91	1.1	.71	.14	5.1	.70	.14	0	0
24	.70	.49	.53	.97	.91	.59	.05	3.1	.52	.01	0	.28
25	.60	.50	.78	1.0	.88	.58	.13	2.5	.42	0	0	.63
26	.56	.48	2.2	2.9	.85	.57	.21	1.7	.32	0	0	.19
27	.50	.50	1.2	12	.85	6.6	.10	1.8	1.3	0	0	.14
28	.43	.53	1.1	4.5	.83	3.5	0	2.7	2.7	0	0	.18
29	.40	.48	1.7	3.1	.80	1.7	0	2.1	1.8	0	0	.30
30	.35	.46	3.4	2.5	---	1.2	0	1.6	1.1	0	0	.29
31	.30	---	15	2.2	---	1.1	---	1.4	---	0	.13	---
TOTAL	87.42	14.57	39.09	73.12	42.17	37.34	10.83	42.48	48.06	26.94	5.80	2.29
MEAN	2.82	.48	1.26	2.35	1.45	1.20	.36	1.37	1.60	.86	.18	.076
MAX	10	1.4	15	12	4.5	6.6	1.1	7.4	6.4	4.2	1.3	.63
MIN	.30	.28	.47	.81	.80	.57	0	.25	.32	0	0	0
CFSM	1.19	.21	.53	1.00	.62	.5	.15	.58	.68	.37	.08	.03
IN.	1.38	.23	.62	1.15	.66	.59	.17	.67	.76	.42	.09	.04

CAL YR 1975 TOTAL 690.27 MEAN 1.89 MAX 43 MIN 0 CFSM .80 IN 10.88
WTR YR 1976 TOTAL 430.11 MEAN 1.17 MAX 15 MIN 0 CFSM .50 IN 6.78

OCHLOCKONEE RIVER

OCHLOCKONEE RIVER BASIN

02329184 Megginnis Arm tributary above U.S. Highway I-10, at Tallahassee, Fla.

LOCATION.--Lat 30°29'01", long 84°18'01", in SE¼ sec.14, T.1 N., R.1 W., Leon County, Hydrologic Unit 03120003, on left bank 200 ft (60 m) upstream from culvert on Lake Shore Drive, 0.2 mi (0.3 km) above Megginnis Arm on Lake Jackson, and 3.4 mi (5.5 km) north of Tallahassee.

DRAINAGE AREA.--3.06 mi^2 (7.92 km^2).

PERIOD OF RECORD.--June 1973 to June 1976. (Discontinued).

GAGE.--Water-stage recorder. Datum of gage is 88.70 ft (27.036 m) above mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Maximum discharge during period October 1975 to June 1976, 749 ft^3/s (21.2 m^3/s) Dec. 31 (gage height, 7.65 ft or 2.332 m); no flow many days; minimum gage height, 3.11 ft (0.948 m) Mar. 8, 9.

Period of record: Maximum discharge, 749 ft^3/s (21.2 m^3/s) Dec. 31, 1975 (gage height, 7.65 ft or 2.332 m); no flow for many days during 1974-76; minimum gage height, 2.90 ft (0.884 m) Nov. 4, 1974.

REMARKS.--Records poor. Low-head sand bag dam 150 ft (46 m) downstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	.08	.54	1.7	5.8	.12	1.2	22	1.4			
2	.43	.10	.35	1.4	1.2	.06	.12	.45	5.3			
3	.18	.12	.30	1.2	.87	.04	.04	.04	9.7			
4	.16	.12	.02	.95	.75	.08	.04	0	2.4			
5	.30	.08	0	.66	.69	.10	.25	0	1.4			
6	.83	.06	0	.60	.87	.04	.66	0	.83			
7	5.0	2.4	.01	.51	.91	.02	.48	.55	.66			
8	12	.45	.63	9.0	.75	.02	.06	4.6	.60			
9	1.4	.16	.40	.83	.57	7.7	.06	.16	.57			
10	.48	.48	.10	.63	.51	.28	.04	.04	.48			
11	.30	.20	0	.69	.60	.14	0	.02	.25			
12	.25	4.4	0	1.2	.51	.25	0	.80	.22			
13	.25	.75	0	.54	.40	2.9	0	.16	.28			
14	.35	.35	0	.45	.40	.32	0	11	.28			
15	.18	.25	0	.38	.38	.14	0	1.8	.14			
16	.16	.22	.47	.45	.35	5.3	0	6.9	.02			
17	29	.32	1.2	.51	.32	.48	0	.95	.02			
18	1.4	.22	.52	.28	.48	.12	0	.45	.42			
19	.83	.20	0	.28	.60	.06	0	.30	.60			
20	.63	.16	0	.28	.32	.02	0	.42	13			
21	.51	.18	0	.25	.30	.25	0	.16	2.5			
22	.54	.02	.02	.22	.70	.51	0	5.1	1.7			
23	.48	.08	.04	.20	.20	.51	0	47	2.3			
24	.30	.35	0	.20	.12	.04	0	2.2	.72			
25	.30	.25	4.3	.20	.10	.25	1.5	2.9	3.3			
26	.28	.16	1.4	15	.30	.42	.01	1.3	.63			
27	.38	.32	.28	16	.30	23	0	1.5	26			
28	.30	.32	.30	1.5	.25	1.7	0	4.9	8.8			
29	.20	.28	11	1.2	.22	.99	0	1.0	2.2			
30	.16	.54	7.0	.95	---	.60	8.5	.69	1.8			
31	.06	---	67	.79	---	1.4	---	.75	---			
TOTAL	58.94	13.62	95.88	59.05	19.77	47.86	12.96	118.14	88.52			
MEAN	1.90	.45	3.09	1.90	.68	1.54	.43	3.81	2.95			
MAX	29	4.4	67	16	5.8	23	8.5	47	26			
MIN	.06	.02	0	.20	.10	.02	0	0	.02			
CFSM	.61	.15	1.00	.61	.22	.50	.14	1.23	.95			
IN.	.71	.16	1.15	.71	.24	.57	.16	1.42	1.06			

OCHLOCKONEE RIVER BASIN

02329186 Megginnis Arm Tributary below U.S. Highway I-10, at Tallahassee, Fla.

LOCATION.--Lat 30°29'06", long 84°18'06", in SE¼ sec.14, T.1N., R.1W., Leon County, Hydrologic Unit 03120003, near right bank on downstream side of culvert on Megginnis Arm Road, 0.1 mi (0.2 km) upstream from Megginnis Arm on Lake Jackson, and 3.5 mi (5.6 km) north of Tallahassee.

DRAINAGE AREA.--3.10 mi² (8.03 km²).

PERIOD OF RECORD.--May 1973 to June 1976. (Discontinued).

GAGE.--Water-stage recorder. Datum of gage is 87.27 ft (26.600 m) above mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Maximum discharge during period October 1975 to June 1976, 722 ft³/s (20.4 m³/s) Dec. 31 (gage height, 6.16 ft or 1.878 m); no flow many days; minimum gage height, 2.25 ft (0.686 m) Nov. 7.
Period of record: Maximum discharge, 722 ft³/s (20.4 m³/s) Dec. 31, 1975; maximum gage height, 7.08 ft (2.159 m) May 26, 1973 (control at higher elevation); no flow for many days during 1973-76; minimum gage height, 2.08 ft (0.634 m) Nov. 6-11, 18-20, 25-30, Dec. 6, 7, 1974.

REMARKS.--Records poor. Control is formed by interlocking sheet pile dam 110 ft (33.528 m) below gage.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	.08	.54	1.7	5.8	.12	1.2	22	1.4			
2	.43	.10	.35	1.4	1.2	.06	.12	.45	5.3			
3	.18	.12	.30	1.2	.87	.04	.04	.04	9.7			
4	.16	.12	.02	.95	.75	.08	.04	0	2.4			
5	.30	.08	0	.66	.69	.10	.25	0	1.4			
6	.83	.06	0	.60	.87	.04	.66	0	.83			
7	5.0	2.4	.01	.51	.91	.02	.48	.55	.66			
8	12	.45	.63	9.0	.75	.02	.06	4.6	.60			
9	1.4	.16	.40	.83	.57	7.7	.06	.16	.57			
10	.48	.48	.10	.63	.51	.28	.04	.04	.48			
11	.30	.20	0	.69	.60	.14	0	.02	.25			
12	.25	4.4	0	1.2	.51	.25	0	.80	.22			
13	.25	.75	0	.54	.40	2.9	0	.16	.28			
14	.35	.35	0	.45	.40	.32	0	11	.28			
15	.18	.25	0	.38	.38	.14	0	1.8	.14			
16	.16	.22	.47	.45	.35	5.3	0	6.9	.02			
17	29	.32	1.2	.51	.32	.48	0	.95	.02			
18	1.4	.22	.52	.28	.48	.12	0	.45	.42			
19	.83	.20	0	.28	.60	.06	0	.30	.60			
20	.63	.16	0	.28	.32	.02	0	.42	13			
21	.51	.18	0	.25	.30	.25	0	.16	2.5			
22	.54	.02	.02	.22	.70	.51	0	5.1	1.7			
23	.48	.08	.04	.20	.20	.51	0	47	2.3			
24	.30	.35	0	.20	.12	.04	0	2.2	.72			
25	.30	.25	4.3	.20	.10	.25	1.5	2.9	3.3			
26	.28	.16	1.4	15	.30	.42	.01	1.3	.63			
27	.38	.32	.28	16	.30	23	0	1.5	26			
28	.30	.32	.30	1.5	.25	1.7	0	4.9	8.8			
29	.20	.28	11	1.2	.22	.99	0	1.0	2.2			
30	.16	.54	7.0	.95	---	.60	8.5	.69	1.8			
31	.06	---	67	.79	---	1.4	---	.75	---			
TOTAL	58.94	13.62	95.88	59.05	19.77	47.86	12.96	118.14	88.52	---		
MEAN	1.90	.45	3.09	1.90	.68	1.54	.43	3.81	2.95	---		
MAX	29	4.4	67	16	5.8	23	8.5	47	26	---		
MIN	.06	.02	0	.20	.10	.02	0	0	.02	---		
CFSM	.61	.15	1.00	.61	.22	.50	.14	1.23	.95	---		
IN.	.71	.16	1.15	.71	.24	.57	.16	1.42	1.06	---		

OCHLOCKONEE RIVER BASIN

02329352 Attapulgus Creek at Jamieson, Fla.

LOCATION.--Lat 30°39'46", long 84°27'48", in NW¼ sec.17, T.3 N., R.2 W., Gadsden County, Hydrologic Unit 03120003, on right bank, 250 ft (76 m) upstream from bridge on State Highway 159, 0.7 mi (1.1 km) west of Jamieson, 2.1 mi (3.4 km) upstream from Swamp Creek, and 3.9 mi (6.3 m) northwest of Havana, Fla.

DRAINAGE AREA.--95.6 mi^2 (247.6 km^2).

PERIOD OF RECORD.--Discharge measurement: 1969 (one discharge measurement), October 1974 to current year.
Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Datum of gage is 111.55 ft (34.002 m) above mean sea level.

EXTREMES.--Period of record: Discharge (1969,1974-76): Maximum discharge measured, 3,150 ft^3/s (89.2 m^3/s) Jan. 13, 1975; minimum measured, 21 ft^3/s (0.60 m^3/s) Nov. 19, 1974. Maximum discharge, 22,200 ft^3/s (629 m^3/s) Sept. 21, 1969 (gage height, 16.82 ft or 5.127 m, from floodmarks), on the basis of contracted opening measurement of peak flow.
Water temperature (1975-76): Maximum temperature observed, 27.0 °C July 13, 1976; minimum observed, 9.0°C Dec. 11, 1975.

REMARKS.--Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT.			JULY		
21	164		13	65	27.0
DEC.			AUG.		
11	63	9.0	17	90	24.5
APR.			SEPT.		
20	44	21.0	16	30	

02329490 Wilacoochee Creek near Quincy, Fla.

LOCATION.--Lat 30°38'13", long 84°30'02", in NE¼ sec.2(T.3 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 161, 1.6 mi (2.6 km) southwest of Brathville, and 5.6 mi (9.0 km) northeast of Quincy, Fla.

DRAINAGE AREA.--64.9 mi^2 (168.1 km^2).

PERIOD OF RECORD.--Discharge measurements: October 197 to current year.
Temperature observations: October 1975 to September1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Datum of gage is 106.42 ft (32.438 m) above mean sea level.

EXTREMES.--Period of record: Discharge (1974-76): Maximum discharge measured, 2,120 ft^3/s (60.0 m^3/s) Jan. 13, 1975; minimum measured, 24 ft^3/s (0.68 m^3/s) Nov. 19, 197.
Water temperature (1975-76): Maximum temperature observed, 24.5 °C July 14, 1976; minimum observed, 9.0 °C Dec. 11, 1975.

REMARKS.--Results of miscellaneous temperature observations prior to October 1975 are in the files of the U. S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATERTEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT.			JULY		
21	97		14	45	24.5
DEC.			AUG.		
11	60	9.0	17	43	
APR.			SEPT.		
20	39	20.0	16	26	

02329500 Little River near Quincy, Fla.

LOCATION.--Lat 30°35'14", long 84°29'48", in NW¼ sec.12, T.2 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, near right bank at downstream side of bridge on State Highway 12, 0.5 mi (0.8 km) southwest of Shady Rest, 1.1 mi (1.8 km) downstream from confluence of Willocoochee and Attapulgus Creeks, 4.5 mi (7.2 km) east of Quincy, and 12 mi (19 km) upstream from mouth.

DRAINAGE AREA.--237 mi² (614 km²).

PERIOD OF RECORD.--April 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 83.19 ft (25.356 m) above mean sea level, unadjusted.

AVERAGE DISCHARGE.-26 years, 291 ft³/s (8.241 m³/s) 16.67 in/yr, (423 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,950 ft³/s (112 m³/s) May 24 (gage height, 13.42 ft or 4.090 m); minimum, 66 ft³/s (1.87 m³/s) Sept. 23 (gage height, 1.71 ft or 0.521 m).
Period of record: Maximum discharge, 45,600 ft³/s (1,290 m³/s) Sept. 22, 1969 (gage height 24.65 ft or 7.513 m, from floodmarks); minimum, 6.7 ft³/s (0.19 m³/s) Oct. 5, 6, 1968, July 2, 1969 (gage height, 0.52 ft or 0.158 m).

REMARKS.--Records Good.

REVISIONS (WATER YEARS).--WSP 1704: 1958, 1959; WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	129	146	170	849	629	191	417	353	390	377	111	310
2	162	143	209	832	663	186	388	464	395	531	109	248
3	170	140	240	673	641	186	332	407	556	658	228	147
4	152	140	207	425	560	192	275	212	592	836	362	125
5	133	139	176	312	448	188	232	139	617	662	648	136
6	131	135	163	276	379	182	213	117	581	638	510	133
7	187	142	161	259	360	176	216	129	557	881	224	133
8	763	226	178	449	337	167	223	250	379	720	207	127
9	1730	273	226	603	307	339	208	528	248	625	408	117
10	1180	220	217	603	293	537	181	680	213	388	413	118
11	958	191	183	499	280	482	164	634	192	278	260	112
12	532	209	166	403	276	312	156	294	177	224	165	98
13	269	467	161	351	265	283	151	189	162	214	1190	87
14	215	656	157	318	256	399	150	162	152	190	1220	81
15	194	492	156	288	246	351	151	477	138	167	859	81
16	180	290	157	260	243	417	147	778	128	148	540	79
17	326	207	188	258	239	558	138	2260	120	135	360	76
18	845	191	262	271	237	818	128	2010	118	125	207	72
19	1040	181	312	252	256	865	119	1180	159	129	184	69
20	871	176	317	231	257	512	113	685	284	190	133	71
21	459	173	285	223	237	295	108	299	682	177	114	68
22	263	165	195	218	306	265	103	375	857	140	105	69
23	223	159	178	212	359	289	98	1130	879	120	99	82
24	207	156	171	207	314	262	93	3610	935	133	99	167
25	194	159	173	204	256	225	92	2340	1360	144	102	138
26	188	157	363	298	223	217	107	1420	1030	114	99	156
27	181	158	506	1170	211	429	111	1000	602	95	116	147
28	173	201	467	3310	203	1050	102	714	432	112	205	122
29	167	217	349	2200	195	1570	90	643	809	98	215	171
30	161	179	482	1230	---	1170	90	584	288	95	137	299
31	155	---	742	830	---	699	---	423	---	120	187	---
TOTAL	12538	6488	7917	18522	9476	13812	5096	24486	14032	9464	9816	3839
MEAN	404	216	255	597	327	446	170	790	468	305	317	128
MAX	1730	656	742	3310	663	1570	417	3610	1360	881	1220	310
MIN	129	135	156.	204	195	167	90	117	118	95	99	68
CFSM	1.70	.91	1.08	2.52	1.38	1.88	.72	3.33	1.97	1.29	1.34	.54
IN.	1.97	1.02	1.24	2.91	1.49	2.17	.80	3.84	2.20	1.49	1.54	.60

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CAL YR 1975   TOTAL   159918   MEAN 438   MAX  5140   MIN 68   CFSM 1.85   IN 25.10
WTR YR 1976   TOTAL   135406   MEAN 370   MAX  3610   MIN 68   CFSM 1.56   IN 21.27
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PEAK DISCHARGE (BASE, 1,500 ft³/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-9	0700	11.72	2060	5-17	1500	12.54	2900
1-28	1200	13.19	3650	5-24	1000	13.42	3950
3-29	1300	11.30	1680	6-25	1100	11.24	1640

OCHLOCKONEE RIVER BASIN

02329534 Quincy Creek at S267 at Quincy, Fla.

LOCATION.--Lat 30°36'00", long 84°34'50", in NW¼ sec. 6, T.2 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, at culvert on State Highway 267, 0.9 mi (1.4 km) north of Quincy, and 6.2 mi (10.0 km) upstream from mouth.

DRAINAGE AREA.--16.8 mi^2 (43.5 km^2).

PERIOD OF RECORDS.--October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 126.00 ft above mean sea level.

EXTREMES.--Current year: Maximum discharge, 756 ft^3/s (21.4 m^3/s) Oct. 8 (gage height, 6.52 ft or 1.987 m); minimum, 9.2 ft^3/s (0.26 m^3/s) Sept. 23 (gage height 0.49 ft or 0.149 m)

Period of record: Maximum discharge, 756 ft^3/s (21.4 m^3/s) Oct. 8, 1975 (gage height, 6.52 ft or 1.987 m); minimum, 3.6 ft^3/s (0.10 m^3/s) Nov. 3, 1974 (gage height, 0.32 ft or .098 m).

REMARKS.--Records fair. Streamflow affected by city water plant withdrawal about 400 ft (120 m) above gage.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	18	21	53	54	22	33	65	32	39	16	30
2	19	17	23	40	44	22	27	34	52	40	47	23
3	15	17	22	37	38	21	24	24	44	46	65	20
4	15	17	22	33	36	21	24	19	42	32	37	21
5	15	17	21	29	33	21	23	16	45	36	28	30
6	15	17	21	26	32	20	23	13	36	59	24	27
7	61	22	20	26	30	20	24	25	30	48	25	22
8	408	32	21	36	28	19	23	29	28	36	27	21
9	115	24	29	74	28	64	22	53	26	29	21	19
10	50	22	23	38	27	38	19	31	25	28	19	19
11	35	22	21	32	26	28	19	25	23	34	17	17
12	24	34	20	30	25	24	19	23	21	27	28	17
13	19	65	20	30	25	48	19	22	19	23	53	16
14	17	35	20	26	24	42	18	33	17	21	30	15
15	17	27	19	24	24	34	18	142	15	20	23	14
16	16	24	19	22	24	47	18	94	15	19	20	12
17	150	23	27	24	24	34	17	105	32	18	19	12
18	84	22	29	22	24	29	17	49	74	19	19	12
19	39	22	24	22	25	27	16	34	68	18	18	11
20	28	22	22	22	24	25	15	28	137	17	18	11
21	28	21	21	22	24	24	14	26	65	16	17	11
22	25	21	21	22	44	24	14	129	44	15	17	11
23	24	21	20	21	33	24	12	175	36	17	17	38
24	23	21	20	20	27	24	12	218	30	17	17	49
25	23	20	23	20	25	23	12	75	25	15	17	32
26	21	20	59	64	24	22	12	51	23	15	17	25
27	21	20	33	283	24	137	12	42	43	15	17	21
28	20	20	27	91	23	82	12	78	81	15	17	20
29	19	20	45	56	23	46	12	52	59	14	17	27
30	19	20	60	46	---	38	12	40	40	15	21	26
31	18	---	50	40	---	34	---	35	---	18	68	---
TOTAL	1400	703	823	1331	842	1084	542	1785	1227	781	796	629
MEAN	45.2	23.4	26.5	42.9	29.0	35.0	18.1	57.6	40.9	25.2	25.7	21.0
MAX	408	65	60	283	54	137	33	218	137	59	68	49
MIN	15	17	19	20	23	19	12	13	15	14	16	11
CFSM	2.69	1.39	1.58	2.55	1.73	2.08	1.08	3.43	2.43	1.50	1.53	1.25
IN.	3.10	1.56	1.82	2.95	1.86	2.40	1.20	3.95	2.72	1.73	1.76	1.39

CAL YR 1975 TOTAL 11834 MEAN 32.4 MAX 408 MIN 10 CFSM 1.93 IN 26.21
WTR YR 1976 TOTAL 11943 MEAN 32.6 MAX 408 MIN 11 CFSM 1.94 IN 26.44

02329538 Holman Branch near Quincy, Fla.

LOCATION.--Lat 30°36'34", long 84°34'57", in SE¼ sec.36, T.3 N., R.4 W., Gadsden County, Hydrologic Unit 03120003, near right bank, 20 ft (6 m) upstream from culvert on State Highway 270A, 0.9 mi (1.4 km) upstream from Quincy Creek, and 1.5 mi (2.4 km) north of Quincy, Fla.

DRAINAGE AREA.--3.09 mi^2 (8.00 km^2).

PERIOD OF RECORD.--Discharge measurements: 1969-70, (one discharge measurement each water year), October 1974 to current year. Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 145 ft (44.2 m) from topographic map.

EXTREMES.--Period of record: Discharge (1969-70, 1974-76): Maximum discharge measured, 94 ft^3/s (2.66 m^3/s) July 30, 1975; minimum measured, 0.74 ft^3/s (.02 m^3/s) Oct. 17, 1974. Maximum discharge, 1,050 ft^3/s Sept. 21, 1969, on the basis of contracted opening measurement of peak flow.
Water temperature (1975-76): Maximum temperature observed, 24.5°C Aug. 17, 1976; minimum observed, 7.0°C Feb. 13, 1976.

REMARKS.--Results of miscellaneous temperature observations prior to October 1975 are in the files of the U. S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)
OCT.		
21	3.4	15.0
DEC.		
11	1.8	9.0
JAN.		
15	2.9	11.0
FEB.		
23	3.3	7.0
MAR.		
25	2.6	16.0
APR.		
21	1.4	20.0
MAY		
17	7.5	20.0
JUNE		
15	1.6	22.0
JULY		
14	2.2	23.5
AUG.		
17	1.4	24.5
SEPT.		
16	.80	

OCHLOCKONEE RIVER

OCHLOCKONEE RIVER BASIN

02329542 Quincy Creek at Quincy, Fla.

LOCATION.--Lat 30°35'32", long 84°33'49", in NW¼ sec.8, T.2 N., R.4 W., Gadsden County, Hydrologic Unit 03120003, on right bank, 150 ft (46 m) upstream from bridge on State Highway 12, 0.8 mi (1.3 km) northeast of Quincy, and 4.9 mi (7.9 km) upstream from mouth.

DRAINAGE AREA.--21.9 mi^2 (56.7 km^2).

PERIOD OF RECORD.--October 1974 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 115 ft (35.1 m), from topographic map.

EXTREMES.--Current year: Maximum discharge, 1210 ft^3/s (34.3 m^3/s) Oct. 8 (gage height 6.66 ft or 2.030 m); minimum 11 ft^3/s (0.31 m^3/s) Sept 23 (gage height 0.70 ft or 0.213 m).

Period of record: Maximum discharge, 1210 ft^3/s (34.3 m^3/s) Oct. 8, 1975 (gage height, 6.66 ft or 2.030 m); minimum 6.7 ft^3/s (0.19 m^3/s) Oct. 8, 1974; minimum gage height 0.70 ft (0.213 m) Sept. 23, 1976.

REMARKS.--Records good. Streamflow affected by city water plant withdrawal 1.3 mi (2.1 km) above gage.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	18	24	66	68	22	36	77	33	39	19	28
2	23	18	24	44	54	21	30	33	64	38	46	20
3	18	18	23	43	44	22	27	23	46	53	73	17
4	17	18	21	42	39	22	26	19	37	33	34	17
5	18	18	19	35	35	21	24	17	48	32	27	27
6	18	18	20	32	34	21	25	16	34	67	21	24
7	69	27	20	32	34	20	27	35	29	53	24	20
8	562	32	26	31	32	19	24	37	26	37	28	20
9	178	25	28	113	31	80	23	59	24	31	23	18
10	72	22	23	52	30	39	20	29	23	28	19	18
11	43	21	22	41	30	29	20	23	22	35	17	16
12	30	42	22	37	29	25	20	21	21	31	16	15
13	25	73	22	39	29	56	20	18	19	27	77	14
14	23	34	21	34	28	48	20	42	19	24	31	14
15	21	27	21	31	27	36	20	105	18	22	23	14
16	21	25	22	31	27	62	19	122	17	21	20	14
17	159	23	35	34	27	37	18	136	16	21	18	13
18	119	22	33	31	28	30	18	49	31	21	18	13
19	49	22	25	30	29	29	17	31	79	20	16	12
20	33	22	23	30	25	27	16	25	69	20	15	12
21	29	22	22	31	25	26	15	22	171	18	15	12
22	28	21	21	30	59	25	16	144	44	16	14	12
23	26	21	21	30	35	25	15	189	35	20	14	45
24	25	21	21	30	29	23	14	234	31	20	14	67
25	24	21	29	29	27	23	16	90	27	18	14	31
26	23	21	65	88	26	24	18	55	27	17	16	21
27	21	22	35	375	25	180	15	42	39	16	15	19
28	21	22	29	121	23	108	15	93	98	16	16	18
29	21	21	49	68	23	56	14	56	70	16	14	29
30	20	21	67	53	---	41	14	37	37	18	13	26
31	20	---	64	44	---	37	---	36	---	22	84	---
TOTAL	1774	738	897	1727	952	1234	602	1915	1254	850	794	626
MEAN	57.2	24.6	28.9	55.7	32.8	39.8	20.1	61.8	41.8	27.4	25.6	20.9
MAX	562	73	67	375	68	180	36	234	171	67	84	67
MIN	17	18	19	29	23	19	14	16	16	16	13	12
CFSM	2.61	1.12	1.32	2.54	1.50	1.82	.92	2.82	1.91	1.25	1.17	.95
IN.	3.01	1.25	1.52	2.93	1.62	2.10	1.02	3.25	2.13	1.44	1.35	1.06

CAL YR 1975 TOTAL 14107 MEAN 38.6 MAX 562 MIN 10 CFSM 1.76 IN 23.96
WTR YR 1976 TOTAL 13363 MEAN 36.5 MAX 562 MIN 12 CFSM 1.67 IN 22.70

OCHLOCKONEE RIVER BASIN

02329548 Tanyard Branch near Quincy, Fla.

LOCATION.--Lat 30°34'42", long 84°33'30", in SE¼ sec.8, T.2 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, near left bank, 25 ft (8 m) upstream from culvert on U.S. Highway 90, 0.6 mi (1.0 km) upstream from Quincy Creek, and 1.2 mi (1.9 km) southeast of Quincy, Fla.

DRAINAGE AREA.--4.91 mi^2 (12.72 km^2).

PERIOD OF RECORD.--Discharge measurement: 1969 (one discharge measurement), October 1974 to current year. Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 125 ft (38.1) m), from topographic map.

EXTREMES.--Period of record: Discharge (1969, 1974-76): Maximum discharge measured, 204 ft^3/s (5.78 m^3/s) July 30, 1975; minimum measured, 2.2 ft^3/s (0.06 m^3/s) Oct. 17, Dec. 17, 1974. Maximum discharge, 2,430 ft^3/s (38.8 m^3/s) Sept. 21, 1969, on the basis of contracted opening measurement of peak flow.
Water temperature (1975-76): Maximum temperature observed, 26.0 °C July 14, 1976; minimum observed, 9.0 °C Feb. 23, 1976.

REMARKS.--Results of miscellaneous temperature observations prior to October 1975 are in the files of the U. S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT. 21	4.5	16.0	MAY 18	8.5	20.5
JAN. 15	4.6	10.5	JUNE 15	3.1	23.0
FEB. 23	5.0	9.0	JULY 14	3.5	26.0
MAR. 25	5.0	16.0	AUG. 17	3.3	24.5
APR. 21	2.6	20.0	SEPT. 17	3.0	

02329553 Hubbert Branch near Quincy, Fla.

LOCATION.--Lat 30°35'39", long 84°32'48", in SW¼ sec.4, T.2 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, near left bank, 30 ft (9 m) upstream from culvert on State Highway 12, 1.8 mi (2.9 km) east of Quincy, Fla.

DRAINAGE AREA.--4.68 mi^2 (12.12 km^2).

PERIOD OF RECORD.--Discharge measurements: 1969 (one discharge measurement) October 1974 to current year. Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 115 ft (35.0 m), from topographic map.

EXTREMES.--Period of record: Discharge (1969, 1974-76): Maximum discharge measured, 199 ft^3/s (5.64 m^3/s). April 11, 1975; minimum measured, 1.5 ft^3/s (0.04 m^3/s) Nov. 19, 1974. Maximum discharge, 2,360 ft^3/s (66.8 m^3/s) Sept. 21, 1969, on the basis of contracted opening measurement of peak flow.
Water temperature (1975-76): Maximum temperature observed, 24.0 °C June 14, July 14, 1976; minimum observed 4.0 °C Feb. 23, 1976.

REMARKS.--Results of miscellaneous temperature observations prior to October 1975 are in the files of the U. S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT. 21	4.1	13.0	MAY 17	14	21.0
DEC. 11	3.4	8.0	JUNE 14	2.8	24.0
JAN. 15	5.0	9.0	JULY 14	3.0	24.0
FEB. 23	5.9	4.0	AUG. 17	2.3	
MAR. 25	3.9	14.5	SEPT. 16	1.7	
APR. 21	2.3	19.0			

OCHLOCKONEE RIVER BASIN

02329582 Hurricane Creek near Havana, Fla.

LOCATION.--Lat 34°34'57", long 84°28'44", in SW¼ sec.7, T.2 N., R.2 W., Gadsden County, Hydrologic Unit 03120003, on right bank 40 ft (12 m) upstream from culvert on State Highway 270, 3.1 mi (5.0 km) upstream from Little River, and 4.8 mi (7.7 km) southwest of Havana.

DRAINAGE AREA.--8.31 mi^2 (21.52 km^2).

PERIOD OF RECORD.--Discharge measurements: 1969-70 (one discharge measurement each water year), October 1974 to current year.
Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 105 ft (32.0 m), from topographic map.

EXTREMES.--Period of record: Discharge (1969-70, 1974-76): Maximum discharge measured, 187 ft^3/s (5.30 m^3/s) April 11, 1975; minimum measured, .04 ft^3/s (.002 m^3/s) Nov. 19, 1974. Maximum discharge, 7,450 ft^3/s (211 m^3/s) Sept. 21, 1969, on the basis of contracted opening measurement of peak flow.
Water temperature (1975-76): Maximum temperature observed, 27.5 °C July 13, 1976; minimum observed, 7.0 °C Feb. 23, 1976.

REMARKS.--Results of miscellaneous temperature observations prior to October 1975 are in the files of the U. S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT. 20	6.9		MAY 17	61	24.0
DEC. 11	4.4	10.0	JUNE 14	5.3	26.0
JAN. 15	8.3	10.0	JULY 13	8.8	27.5
FEB. 23	8.0	7.0	AUG. 17	1.5	24.5
MAR. 25	7.3		SEPT. 16	.14	
APR. 20	2.4	20.5			

OCHLOCKONEE RIVER

OCHLOCKONEE RIVER BASIN

02329700 Rocky Comfort Creek near Quincy, Fla.

LOCATION.--Lat 30°32'44", long 84°38'09", in NE¼ sec.28, T.2N., R.4W., Gadsden County, Hydrologic Unit 03120003, on left bank 15 ft (5 m) upstream from bridge on State Highway 274, 1.3 mi (2.1 km) upstream from Vote Creek, 4.5 mi (7.2 km) southwest of Quincy, and 9.2 mi (14.8 km) upstream from mouth.

DRAINAGE AREA.--9.46 mi^2 (24.50 km^2).

PERIOD OF RECORD.--October 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft (30.480 m) above mean sea level, unadjusted.

AVERAGE DISCHARGE.--12 years, 16.0 ft^3/s (0.453 m^3/s), 22.95 in/yr (582 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,070 ft^3/s (30.30 m^3/s) Oct. 7, (gage height, 39.98 ft or 12.186 m); minimum, 2.3 ft^3/s (0.065 m^3/s) October 16; (gage height, 34.18 ft (10.418 m).
Period of record: Maximum discharge, 7,610 ft^3/s (216 m^3/s) Sept. 21, 1969 (gage height, 42.50 ft or 12.954 m) from floodmarks, from rating curve extended above 2,680 ft^3/s (75.9 m^3/s) on basis of slope-area measurement of peak flow; minimum, 0.86 ft^3/s (0.024 m^3/s) July 1, 1968; minimum gage height, 33.91 ft (10.336 m) June 21, 22, 1970.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	4.2	12	19	27	12	17	26	14	17	5.8	16
2	11	4.2	11	15	19	12	16	18	22	15	25	9.3
3	9.3	4.2	10	14	17	12	15	14	15	13	28	7.3
4	8.4	4.2	10	13	16	12	14	11	16	11	13	7.0
5	8.7	4.2	9.9	12	15	12	12	8.6	16	32	11	11
6	9.0	4.3	10	12	16	12	13	18	12	36	8.4	9.3
7	122	19	10	12	15	12	15	25	11	20	8.4	9.0
8	178	13	13	55	14	12	14	30	9.9	15	8.2	8.7
9	29	7.9	13	20	14	37	13	18	8.7	12	7.9	7.9
10	13	7.0	9.1	16	14	17	11	13	8.2	12	7.6	8.2
11	6.9	6.3	8.3	15	14	14	11	11	7.9	14	6.8	7.0
12	4.9	26	7.9	22	13	13	11	10	7.3	11	6.5	6.5
13	3.9	18	7.7	15	13	17	10	9.0	7.0	11	10	6.5
14	3.3	10	7.6	14	13	15	9.6	50	6.8	11	7.9	6.8
15	3.9	9.0	7.6	15	13	16	9.2	60	6.5	8.4	7.6	6.8
16	3.0	8.7	8.4	14	13	47	8.6	70	6.3	7.9	7.6	6.3
17	73	8.4	19	14	13	21	8.1	35	20	7.6	6.8	6.3
18	26	8.7	14	13	13	18	7.8	22	31	7.6	6.5	6.0
19	12	9.0	10	12	14	17	7.6	17	32	7.6	5.8	6.0
20	8.1	9.0	9.0	13	13	16	7.6	15	85	7.9	5.5	5.8
21	6.7	9.3	8.3	12	12	15	6.8	12	25	7.0	5.8	5.1
22	6.1	9.3	7.9	12	28	15	6.7	10	16	6.8	5.5	4.9
23	5.9	9.6	7.7	12	16	14	6.8	93	25	7.0	5.3	9.3
24	5.7	9.9	7.4	12	14	14	6.9	53	15	6.5	5.5	12
25	5.7	9.9	18	12	13	12	8.5	18	12	6.0	14	10
26	6.2	9.6	25	27	13	70	8.0	15	11	6.0	11	8.2
27	5.1	10	13	148	13	50	7.1	14	22	5.8	13	7.9
28	4.9	9.9	11	32	13	35	6.8	27	22	6.3	9.3	7.6
29	4.8	9.6	30	22	13	25	6.7	16	13	6.8	7.0	15
30	4.6	9.6	30	19	---	24	37	13	17	6.5	14	11
31	4.3	---	43	18	---	17	---	12	---	6.3	41	---
TOTAL	605.6	284.9	411.0	661	434	636	332.3	763.6	520.6	348.0	325.7	248.7
MEAN	19.5	9.49	13.2	21.3	14.9	20.5	11.0	24.6	17.3	11.2	10.5	8.29
MAX	178	26	43	148	28	70	37	93	85	36	41	16
MIN	3.0	4.2	7.4	12	12	12	6.7	8.6	6.3	5.8	5.3	4.9
CFSM	2.07	1.00	1.40	2.25	1.58	2.17	1.17	2.60	1.83	1.19	1.11	.88
IN.	2.38	1.12	1.62	2.60	1.71	2.50	1.31	3.00	2.05	1.37	1.28	.98

CAL YR 1975 TOTAL 5602.4 MEAN 15.3 MAX 178 MIN 3.0 CFSM 1.62 IN 22.03
WTR YR 1976 TOTAL 5571.7 MEAN 15.2 MAX 178 MIN 3.0 CFSM 1.61 IN 21.91

PEAK DISCHARGE (BASE, 300 ft^3/s)

DATE	TIME	G.HT.	DISCHARGE
10-7	2245	39.98	1070

OCHLOCKONEE RIVER

OCHLOCKONEE RIVER BASIN

02329877 Ocklawaha Creek near Wetumpka, Fla.

LOCATION.--Lat 30°27'01", long 84°38'36", in SW¼ sec.28, T.1 N., R.4 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 267, 2.5 mi (4.0 km) south of Wetumpka, Fla.

DRAINAGE AREA.--28.8 mi^2 (74.6 km^2).

PERIOD OF RECORD.--Discharge measurements: 1958-59 (one to two discharge measurements each water year), October 1974 to current year. Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Altitude of gage is 75 ft (22.9 m), from topographic map.

EXTREMES.--Period of record: Discharge (1958-59, 1974-76): Maximum discharge measured, 664 ft^3/s (18.8 m^3/s) July 30, 1975; minimum measured, 31 ft^3/s (0.88 m^3/s) Dec. 18, 1974.
Water temperature (1975-76): Maximum temperature observed, 24.0 °C Aug. 18, 1976; minimum observed, 4.0 °C Feb. 24, 1976.

REMARKS.--Results of miscellaneous temperature observations prior to October 1975 are in the files of the U. S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT. 23	62		JULY 14	46	24.0
JAN. 16	55	10.0	AUG. 18	79	22.0
FEB. 24	59	4.0	SEPT. 17	34	
MAR. 26	44	16.0	SEPT. 22	39	
JUNE 16	46	21.0			

OCHLOCKONEE RIVER BASIN

02330000 Ochlockonee River near Bloxham, Fla.

LOCATION.--Lat 30°22'59", long 84°39'18", in NE¼ sec.20, T.1 S., R.4 W., Liberty County, Hydrologic Unit 03120003, on downstream side of right pier of bridge on State Highway 20, 3,000 ft (914 m) downstream from control structure, 1.5 mi (2.4 km) southwest of Bloxham, and 65 mi (104 km) upstream from mouth.

DRAINAGE AREA.--1,700 mi^2 (4,403 km^2), approximately, revised.

PERIOD OF RECORD.--June 1926 to current year. Prior to October 1954, low-flow records based on discharge measurements made at various sites within 3,000 ft (914 m) upstream from gage; subsequent low-flow records based on discharge measurements made at site 0.8 mi (1.3 km) downstream from gage. Low-flow records not equivalent owing to seepage inflow.

GAGE.--Water-stage recorder. Datum of gage is 24.69 ft (7.526 m) above mean sea level. Prior to Apr. 9, 1930, nonrecording gage at site 2,700 ft (823 m) upstream at datum 5.00 ft (1.524 m) higher. Apr. 9, 1930, to Jan. 19, 1939, water-stage recorder at site 2,000 ft (610 m) upstream, and Jan. 20, 1939, to Sept. 30, 1954, at present site at datum 5.00 ft (1.524 m) higher.

AVERAGE DISCHARGE.--28 years (1926-54), 1,614 ft^3/s (45.71 m^3/s), 12.74 in/yr (324 mm/yr), unadjusted; 22 years (1954-76), 1,803 ft^3/s (51.06 m^3/s) 14.40 in/yr (366 mm/yr).

EXTREMES.--Current year: Maximum discharge, 11,200 ft^3/s (317 m^3/s) May 24 (gage height, 19.62 ft or 5.980 m); minimum, 38 ft^3/s (1.08 m^3/s) Oct. 1 (gage height, 3.65 ft or 1.113 m).

Period of record: Maximum discharge, 89,400 ft^3/s (2.530 m^3/s) Sept. 23, 1969 (gage height, 29.2 ft or 8.90 m, from floodmark); maximum gage height, 32.64 ft (9.949 m) Sept. 30, 1957, from floodmark; minimum discharge since October 1954, 1.0 ft^3/s (0.028 m^3/s) Nov. 1, 2, 1957, caused by closure of breaks in earth embankment of Jackson Bluff Dam (indeterminated prior to October 1954).

Maximum stage since 1834, 32.64 ft (9.949 m) Sept. 30, 1957 (from floodmark)from information recorded by local resident.

REMARKS.--Records good. Flow regulated since 1929 by control structure above station and storage in Lake Talquin (see Sta. 02329900).

REVISIONS (WATER YEARS).--WSP 1002: 1940-42. WSP 1704: 1958-59. WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	246	894	543	4460	4270	1170	3030	1830	5460	4140	592	1310
2	470	695	541	4150	5030	1150	2510	3050	5920	3300	684	1210
3	455	755	541	3350	4750	1150	2080	2210	5950	2680	1590	1050
4	522	594	541	2630	5000	1140	1990	1060	5820	2580	1860	873
5	1080	587	541	2350	5060	1070	1830	604	5750	2900	1900	876
6	870	585	541	2410	4130	851	1900	383	4680	5490	1920	848
7	912	587	541	2440	3450	829	1960	371	3220	6120	1860	796
8	2060	590	667	3020	3530	829	1910	971	2810	5110	1790	793
9	2570	587	808	2810	3110	1110	1820	1610	2790	3360	2000	743
10	3530	585	811	2890	2830	1570	1670	1630	2510	2600	1950	594
11	4060	585	811	2990	2620	1790	1440	1720	2370	2420	1650	582
12	3050	769	811	2490	2720	1830	1130	1650	1990	2360	1270	580
13	2070	1420	811	2550	2400	1470	1150	1490	1640	2340	1150	575
14	1190	1630	811	2150	1650	1210	1210	2010	1520	2370	1420	575
15	646	1800	811	2200	1450	1450	1200	2580	1170	2540	1540	446
16	654	1760	811	2340	1680	1610	1090	2630	490	2420	1370	282
17	1370	1370	914	2290	1410	2170	670	2600	692	2270	1380	232
18	2290	917	811	2250	1670	2000	490	2860	930	2070	1330	198
19	2600	685	1000	2350	1280	1990	472	3590	1120	1780	1170	197
20	2560	746	1240	2300	1370	2010	468	3880	1830	1460	790	197
21	2500	597	1030	1950	1460	2120	466	4080	2550	1440	419	197
22	2030	587	820	1480	1450	2290	464	5330	3460	1280	393	197
23	1560	585	814	1400	1590	2320	461	9360	3640	982	391	198
24	953	585	1040	1430	1610	2250	461	9580	3380	951	387	198
25	935	585	1270	1470	1620	2030	470	8510	3290	817	385	242
26	924	612	1570	1820	1630	1920	468	9200	3970	635	385	322
27	917	743	1470	5920	1470	2320	461	8940	4900	599	417	350
28	914	799	1350	7300	1450	3560	459	8660	5120	475	700	352
29	911	678	1700	5880	1400	4190	459	8290	5520	401	873	354
30	907	548	2910	5440	---	4310	391	8330	5200	397	876	354
31	901	---	3680	4190	---	4030	---	7150	---	423	1200	---
TOTAL	46707	24914	32460	93200	73800	59729	34580	126159	99692	68710	35642	15721
MEAN	1507	830	1047	3006	2545	1927	1153	4070	3323	2216	1150	524
MAX	4060	1800	3680	7300	5060	4310	3030	9580	5950	6120	2000	1310
MIN	246	548	541	1400	1280	829	391	371	490	397	385	197
*	+57	-42	+49	-57	+17	+8	-25	0	+34	0	+41	-8

ADJUSTED FOR CHANGE IN CONTENT IN LAKE

MEAN	1564	788	1096	2949	2562	1935	1128	4070	3357	2216	1191	516
CFSM	.92	.46	.64	1.73	1.51	1.14	.66	2.39	1.97	1.30	.70	.30
IN.	1.06	.52	.74	2.00	1.63	1.31	.74	2.76	2.20	1.50	.81	.34

	OBSERVED								ADJUSTED					
CAL YR 1975	TOTAL	947437	MEAN	2596	MAX	19900	MIN	223	MEAN	2,606	CFSM	1.53	IN.	20.56
WTR YR 1976	TOTAL	711314	MEAN	1943	MAX	9580	MIN	197	MEAN	1,948	CFSM	1.15	IN.	15.61

* Change in contents, equivalent in cubic feet per second, in Lake Talquin

OCHLOCKONEE RIVER BASIN

02330050 Telogia Creek near Greensboro, Fla.

LOCATION.--Lat. 30°33'34", long 84°43'36", in NW¼ sec.22, T.2 N., R.5 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 274, 1.2 mi (1.9 km) southwest of Greenboro, 1.3 mi (2.1 km) upstream from Tallahassee Creek, and 54 mi (87 km) upstream from mouth.

DRAINAGE AREA.--28.1 mi² (45.2 km²).

PERIOD OF RECORD.--Discharge measurements: 1929, 1965-69 (one to two discharge measurements each water year), October 1974 to current year. October 1964 to current year, annual maximum.
Temperature observation: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Datum of gage is 100.00 ft (30.480 m) above mean sea level.

EXTREMES.--Period of record: Discharge (1929, 1965-69, 1975-76): Maximum discharge measured, 1,520 ft³/s (43.0 m³/s), Oct. 4, 1964; minimum measured, 4.2 ft³/s (0.119 m³/s) Dec. 18, 1974. Maximum discharge, 12,000 ft³/s (340 m³/s) Sept. 21, 1969 (gage height, 99.91 ft or 30.453 m) from floodmarks, from rating extended above 1,520 ft³/s (43.0 m³/s) on basis of slope-area measurement of peak flow.
Water temperatures (1975-76): Maximum temperature observed, 24.5 °C Aug. 18, 1976; minimum observed, 9.0 °C Feb. 24, 1976.

REMARKS. --Annual maximum is published in the section of this report entitled DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES. Results of msicellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT. 23	42		APR. 22	9.8	21.0
JAN. 16	37	10.0	AUG. 18	31	24.5
FEB. 24	39	9.0	SEPT. 17	30	
MAR. 26	20	15.0			

OCHLOCKONEE RIVER BASIN

02330100 Telogia Creek near Bristol, Fla.

LOCATION.--Lat 30°25'35", long 84°55'40", in NW¼ sec.3, T.1 S., R.7 W., Liberty County, Hydrologic Unit 03120003, near left bank at downstream side of bridge on State Highway 20, 600 ft (180 m) upstream from White Branch, 3 mi (4 km) east of Bristol, and 33 mi (53 km) upstream from mouth.

DRAINAGE AREA.--126 mi² (326 km²).

PERIOD OF RECORD.--March 1950 to September 1971, October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 99.50 ft above mean sea level (Florida State Road Department bench mark).

AVERAGE DISCHARGE.--23 years, 215 ft³/s (6.089 m³/s), (23.17 in/yr or 589 cm/yr).

EXTREMES.--Current year: Maximum discharge, 2,800 ft³/s (79.3 m³/s) Oct. 7, (gage height, 8.37 ft or 2.551 m); minimum, 63 ft³/s (1.78 m³/s) Apr. 30, (gage height, 2.49 ft or 0.759 m).
Period of record: Maximum discharge, 20,600 ft³/s (583 m³/s) Sept. 22, 1969 (gage height, 16.65 ft or 5.075 m, from floodmarks); minimum, 28 ft³/s (0.79 m³/s) Sept. 14, Oct. 26,27, 1954 (gage height, 1.35 ft or 0.412 m).

REMARKS.--Records fair. Some diurnal fluctuation at low flow. Numerous small reservoirs above station for irrigation supply.

REVISIONS (Water Year).-- WSP 1504: 1950-51, 1953(M), 1955-56.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	125	131	131	799	288	119	174	351	191	243	115	404
2	146	126	144	669	314	117	155	591	267	267	110	278
3	151	130	155	369	341	117	137	537	463	245	305	171
4	131	128	139	261	275	119	121	223	476	239	811	169
5	119	121	129	223	226	116	114	128	347	186	474	489
6	126	127	124	192	203	113	111	104	377	218	234	501
7	208	136	123	175	193	110	116	96	328	617	185	266
8	892	228	124	259	184	106	120	148	192	662	175	215
9	2310	331	134	361	174	171	108	222	155	441	150	177
10	1110	326	150	402	166	278	100	309	138	260	129	144
11	595	226	141	257	160	311	96	278	130	196	117	133
12	342	216	127	204	153	185	92	163	124	168	105	128
13	238	326	123	218	149	141	94	125	111	145	108	108
14	197	586	119	211	147	133	128	133	105	131	136	102
15	176	484	117	180	145	153	116	496	100	118	129	99
16	163	264	115	159	141	182	103	778	95	114	142	95
17	313	194	135	155	141	279	95	824	106	115	129	90
18	1040	174	215	157	140	345	88	712	188	104	110	89
19	1140	160	225	149	143	202	82	512	378	106	117	86
20	593	152	169	142	145	144	83	259	841	104	97	80
21	327	149	137	140	137	130	80	161	1290	101	91	79
22	238	142	127	135	155	126	77	203	952	96	88	81
23	204	137	123	133	231	126	74	658	486	91	82	82
24	186	135	122	130	246	123	72	1360	291	92	80	114
25	172	135	124	129	172	114	75	1130	244	88	80	209
26	160	135	204	155	144	111	76	729	195	98	83	167
27	154	136	276	686	133	233	74	418	167	94	88	128
28	148	142	241	2070	128	593	71	310	174	172	114	123
29	146	143	210	1230	122	864	69	385	238	318	103	128
30	143	136	353	597	---	482	67	424	223	189	87	178
31	138	---	647	355	---	245	---	262	---	134	342	---
TOTAL	12131	5959	5443	11302	5296	6588	2968	13029	9372	6152	5116	5113
MEAN	391	199	176	365	183	213	98.9	420	312	198	165	170
MAX	2310	586	647	2070	341	864	174	1360	1290	662	811	501
MIN	119	121	115	129	122	106	67	96	95	88	80	79
CFSM	3.10	1.58	1.40	2.90	1.45	1.69	.78	3.33	2.48	1.57	1.31	1.35
IN.	3.58	1.76	1.61	3.34	1.56	1.95	.88	3.85	2.77	1.82	1.51	1.51

CAL YR 1975 TOTAL 101368 MEAN 278 MAX 4320 MIN 64 CFSM 2.21 IN 29.93
WTR YR 1976 TOTAL 89469 MEAN 242 MAX 2310 MIN 67 CFSM 1.92 IN 26.12

PEAK DISCHARGE BASE, 1,500 ft³/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-9	0600	8.37	2800	1-28	1400	8.08	2400
10-18	2100	7.36	1560				

COASTAL AREA BETWEEN OCHLOCKONEE AND APALACHICOLA RIVERS

02330300 New River near Wilma, Fla.

LOCATION.--Lat 30°07'40", long 84°53'45", in SW¼ sec.13, T.4S., R.7W., Liberty County, Hydrologic Unit 03130013, Apalachicola National Forest, near center of downstream side of Carr Bridge on U. S. Forest Road 13, 2.2 mi (3.5 km) upstream from West Prong New River, 4.5 mi (7.2 km) southeast of Wilma, and 40 mi (64 km) upstream from mouth.

DRAINAGE AREA.--81.7 mi² (211.6 km²).

PERIOD OF RECORD.--October 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Florida State Road Department bench mark).

AVERAGE DISCHARGE.--12 years, 164 ft³/s, (4.644 m³/s), 27.26 in/yr (692 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,040 ft³/s (29.4 m³/s) Oct. 10 (gage height, 44.37 ft or 13.524 m); minimum, 2.0 ft³/s (0.057 m³/s) Sept. 28 (gage height, 38.03 ft or 11.592 m).

Period of record: Maximum discharge, 8,810 ft³/s (250 m³/s) Sept. 22, 1969 (gage height, 50.67 ft or 15.444 m); minimum, no flow at times most years; minimum gage height, 37.16 ft (11.326 m) May 21, 22, 1967, June 15, 27, 1968.

REMARKS.--Records good above 2.0 ft³/s (0.057 m³/s) and poor below.

DISCHARGE. IN CUBIC FEET PER SECOND. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	135	49	34	558	532	17	217	16	240	138	24	126
2	170	39	31	535	475	15	192	12	332	148	22	135
3	206	32	26	472	398	14	167	13	642	151	39	136
4	201	26	23	427	334	11	141	10	779	143	45	133
5	186	22	20	381	280	10	122	8.4	982	125	51	124
6	246	19	18	330	233	9.1	101	7.6	922	126	44	120
7	323	17	16	282	198	8.1	85	4.9	765	139	38	120
8	613	17	16	274	170	7.0	67	4.3	577	138	38	128
9	955	19	19	280	147	56	52	5.8	430	130	38	141
10	982	24	18	257	132	146	39	5.1	340	120	27	147
11	794	26	15	231	118	132	30	5.1	280	128	20	144
12	601	69	14	206	104	117	23	5.2	215	127	16	131
13	452	248	13	187	92	101	20	4.7	173	112	13	111
14	360	278	12	169	79	89	43	4.7	140	96	13	88
15	284	244	11	151	68	75	69	24	116	77	23	68
16	220	224	10	138	59	70	80	53	88	62	39	50
17	276	208	11	131	51	75	82	87	64	52	54	36
18	436	190	21	120	44	71	80	102	47	43	62	26
19	459	169	20	107	44	62	73	97	36	45	64	18
20	417	149	18	96	42	53	62	91	45	51	62	13
21	369	135	16	85	38	47	52	79	100	60	59	9.8
22	315	121	15	76	36	50	42	83	120	68	55	7.4
23	259	106	14	66	40	46	33	195	122	86	48	5.4
24	212	92	13	59	38	40	26	597	118	93	38	5.1
25	172	79	13	52	34	33	23	736	95	93	29	4.5
26	148	67	31	68	30	29	26	681	75	81	23	3.5
27	130	58	43	390	26	85	23	569	59	66	25	2.5
28	112	51	43	799	23	236	24	482	59	53	62	2.0
29	95	43	53	769	19	286	21	415	75	43	101	4.5
30	78	38	169	704	---	270	15	340	113	35	118	8.4
31	63	---	388	613	---	242	---	272	---	29	125	---
TOTAL	10269	2859	1164	9013	3984	2502.2	2030	5009.8	8149	2858	1415	2048.1
MEAN	331	95.3	37.5	291	134	80.7	67.7	162	272	92.2	45.6	68.3
MAX	982	278	388	799	532	286	217	736	982	151	125	147
MIN	63	17	10	52	19	7.0	15	4.3	36	29	13	2.0
CFSM	4.05	1.17	.46	3.56	1.64	.99	.83	1.98	3.33	1.13	.56	.84
IN.	4.68	1.30	.53	4.10	1.77	1.14	.92	2.28	3.71	1.30	.64	.93

CAL YR 1975 TOTAL 82823.0 MEAN 227 MAX 3970 MIN 10 CFSM 2.78 IN 37.71
WTR YR 1976 TOTAL 51201.1 MEAN 140 MAX 982 MIN 2.0 CFSM 1.71 IN 23.31

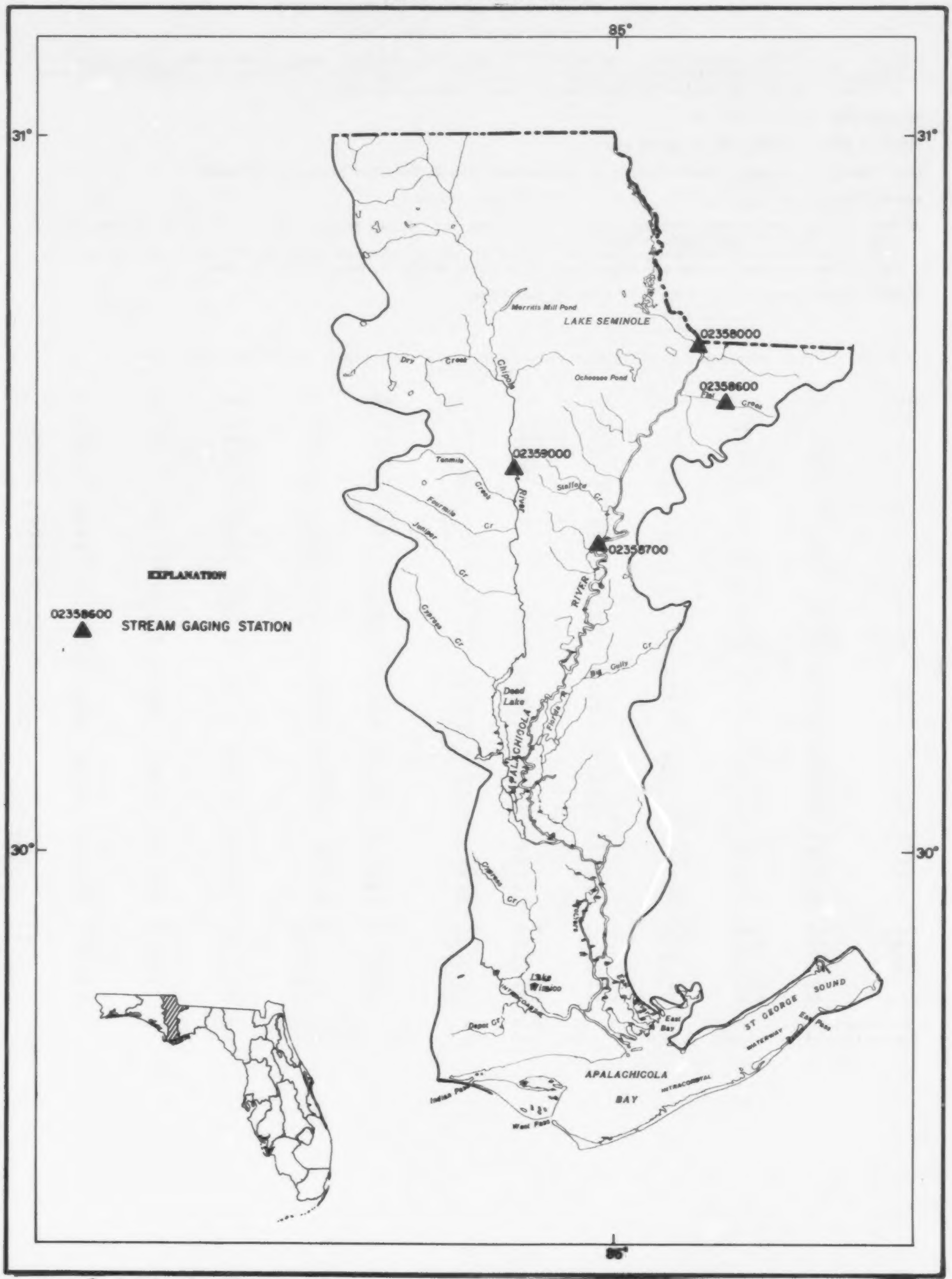

85°
31°
31°
30°
30°
85°
EXPLANATION
02358600
STREAM GAGING STATION
Morris Mill Pond
LAKE SEMINOLE
02358000
Dry Creek
Chipola
Ochoosee Pond
02358600
Flat Creek
02359000
Tenmile Creek
River
Stafford Cr
Fourmile Cr
Juniper Cr
02358700
RIVER
Cypress Cr
Big Gully Cr
Dead Lake
APALACHICOLA
Florida R
Cypress Cr
Lake Wimico
Depot Cr
East Bay
ST GEORGE SOUND
INTRACOASTAL
WATERWAY
East Pass
APALACHICOLA
BAY
Indian Pass
West Pass

Figure 7. Location of stream gaging stations in the lower Chattahoochee and Apalachicola River basins including the Chipola River basin, coastal areas and offshore islands.

APALACHICOLA RIVER

02358000 Apalachicola River at Chattahoochee, Fla.

LOCATION.--Lat 30°42'03", long 84°51'33", in NW¼ sec.32, T.4 N., R.6 W., Jackson County, Hydrologic Unit 03130011, on downstream side of right main pier of bridge on U.S. Highway 90, 0.6 mi (1.0 km) downstream from Jim Woodruff Dam, 0.6 mi (1.0 km) upstream from Mosquito Creek, 1 mi (1.6 km) west of Chattahoochee, and 106 mi (171 km) upstream from mouth.

DRAINAGE AREA.--17,200 mi^2 (44,500 km^2), approximately.

PERIOD OF RECORD.--October 1928 to current year. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1939, published as "near River Junction." Gage-height records collected at site 0.9 mi (1.4 km) downstream October 1919 to September 1925 and at site approximately 100 ft (30 m) downstream October 1925 to December 1958 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 40.58 ft (12.369 m) above mean sea level (National Weather Service bench mark). Prior to Dec. 16, 1939, water-stage recorder at site 0.9 mi (1.4 km) downstream at datum 4.27 ft (1.301 m) higher. Dec. 16, 1939, to June 25, 1952, water-stage recorder, June 26, 1952, to June 2, 1954, nonrecording gage, and June 3, 1954, to Oct. 14, 1958, water-stage recorder, at site approximately 100 ft (30 m) downstream at datum 5.00 ft (1.524 m) higher.

AVERAGE DISCHARGE.--48 years, 22,410 ft^3/s (634.7 m^3/s), (unadjusted).

EXTREMES.--Current year: Maximum discharge, 71,200 ft^3/s 2,020 m^3/s) May 18 (gage height, 20.83 ft or 6.349 m); minimum, 11,500 ft^3/s (326 m^3/s Sept. 30 (gage height, 3.54 ft or 1.079 m).

Period of record: Maximum discharge, 293,000 ft^3/s (8,300 m^3/s) Mar. 20, 1929, (gage height, 38.97 ft or 11.878 m), present datum, from rating curve extended above 200,000 ft^3/s (5,660 m^3/s); minimum, 4,950 ft^3/s (140 m^3/s) Oct. 27, 1954, minimum gage height, 0.46 ft (0.140 m) Nov. 4, 1968.

Maximum stage since at least 1919 occurred on Mar. 20, 1929.

REMARKS.--Records good. Flow regulated by Lake Seminole Reservoir (02357500) 0.6 mi (1.0 km) upstream since Feb. 4, 1957. Walter F. George Reservoir (02343240) since 1962, Bartlett's Ferry Reservoir (02341000) since 1926, and Lake Sidney Lanier Reservoir (02324400) since 1956. See page   for table of gage height.

REVISIONS.--WSP 1906: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12900	16000	19800	32000	63400	18500	55900	18400	29800	24300	16900	12700
2	14600	14600	27400	33300	55400	20700	61400	26700	34700	27600	17200	15100
3	15500	13800	29600	33400	54900	24000	64600	27500	37800	27100	14300	14700
4	14200	13800	31100	31200	56600	24900	56700	26500	38700	25900	13600	13600
5	13300	16200	29400	29300	50200	21700	50500	26500	50200	26200	14200	12300
6	15400	17700	27200	30700	43200	19400	47600	26500	55900	27900	13500	12600
7	26500	19300	22900	32100	41400	16800	46200	26400	49000	29600	13600	13200
8	42700	24800	23000	27900	34900	16400	43300	21800	40300	29300	14900	12100
9	48900	23200	26000	30500	26100	17100	39000	20300	36400	27300	16200	12000
10	47600	19900	27400	36000	35500	18600	24800	23600	32400	27300	17200	12200
11	45800	24200	29100	31800	37100	24900	18900	22700	31600	27100	15400	12400
12	45500	30000	28300	24800	35100	29100	18500	20600	27600	25600	15300	11900
13	39100	34300	21300	32900	35200	24900	18900	18200	27000	26600	14900	11900
14	34000	28700	14300	36900	25500	27300	23800	22900	25000	26400	15700	11900
15	32000	31800	13300	37100	19300	25100	26400	36900	24300	21300	15100	11900
16	31600	30000	14200	34000	18000	39000	26300	42500	24000	17900	13300	11800
17	31100	24400	19300	25700	20000	52300	20300	60000	21500	16200	12800	12000
18	40200	27900	23700	25000	23300	55800	17200	69400	20800	16400	12700	12400
19	44100	31900	23800	21600	30000	55500	15800	56700	18800	14300	12600	11900
20	34600	32600	23100	21700	26500	54300	16100	48700	18900	13300	12600	11900
21	26300	32100	18500	23300	20700	54100	17700	42100	22600	12800	12500	11800
22	24800	27100	17600	21600	21700	57900	22200	41200	19900	12900	12500	12000
23	25100	20100	17200	24100	23100	57600	21200	45900	18500	12900	12600	13200
24	24100	14900	18100	21400	27900	57600	17400	48100	25900	14800	12600	13400
25	17500	23500	18300	17400	33500	59200	17700	60000	30000	15400	12600	13400
26	18000	29300	20200	18600	34500	60200	16400	54100	25100	13000	12600	12400
27	16700	26000	17500	33000	33500	60300	16200	43600	18600	13000	12600	12000
28	16100	18000	16200	48100	27800	59300	16200	43400	18300	13200	12500	12000
29	17600	14200	16900	51500	19500	52500	15900	40800	19100	12400	12600	11900
30	17800	15400	18900	57300	---	51200	16100	36500	18400	13100	12400	11800
31	17900	---	26000	63000	---	50200	---	28100	---	14900	12400	---
TOTAL	851500	695700	679600	987200	973800	1206400	869200	1126600	861100	626000	429900	374400
MEAN	27470	23190	21920	31850	33580	38920	28970	36340	28700	20190	13870	12480
MAX	48900	34300	31100	63000	63400	60300	64600	69400	55900	29600	17200	15100
MIN	12900	13800	13300	17400	18000	16400	15800	18200	18300	12400	12400	11800

CAL YR 1975 TOTAL 12900700 MEAN 35340 MAX 136000 MIN 12400
WTR YR 1976 TOTAL 9681400 MEAN 26450 MAX 69400 MIN 11800

02358000 Apalachicola River at Chattahoochee, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.23	5.53	6.95	11.15	19.17	6.54	17.50	6.49	10.46	8.65	5.91	4.14
2	4.96	4.96	9.73	11.56	17.40	7.36	18.73	9.48	11.99	9.79	6.03	5.17
3	5.33	4.61	10.43	11.59	17.29	8.55	19.43	9.76	12.92	9.63	4.83	4.98
4	4.77	4.64	10.88	10.91	17.66	8.85	17.69	9.45	13.16	9.19	4.55	4.54
5	4.42	5.63	10.36	10.31	16.21	7.70	16.29	9.44	16.19	9.34	4.79	3.96
6	5.25	6.20	9.67	10.76	14.48	6.89	15.59	9.44	17.51	9.87	4.48	4.09
7	9.33	6.84	8.13	11.19	13.95	5.85	15.24	9.41	15.90	10.40	4.52	4.38
8	14.29	8.82	8.17	9.87	12.05	5.71	14.48	7.75	13.64	10.31	5.07	3.87
9	15.90	8.24	9.23	10.68	9.26	5.99	13.24	7.23	12.53	9.69	5.63	3.79
10	15.59	7.03	9.74	12.40	12.25	6.56	8.78	8.38	11.27	9.69	6.03	3.90
11	15.12	8.61	10.25	11.10	12.72	8.85	6.70	8.06	11.02	9.63	5.30	4.02
12	15.06	10.53	10.00	8.81	12.11	10.26	6.55	7.31	9.79	9.12	5.25	3.75
13	13.30	11.88	7.54	11.43	12.16	8.87	6.66	6.40	9.60	9.45	5.10	3.75
14	11.78	10.13	4.81	12.66	9.03	9.67	8.45	8.11	8.88	9.40	5.42	3.74
15	11.16	11.10	4.41	12.74	6.82	8.91	9.38	12.67	8.65	7.56	5.17	3.75
16	11.03	10.51	4.80	11.79	6.34	13.19	9.36	14.24	8.52	6.32	4.42	3.70
17	10.89	8.69	6.79	9.13	7.10	16.69	7.17	18.43	7.64	5.63	4.21	3.78
18	13.60	9.87	8.43	8.90	8.27	17.49	6.02	20.48	7.40	5.69	4.13	4.00
19	14.69	11.12	8.45	7.67	10.51	17.44	5.46	17.69	6.62	4.85	4.10	3.75
20	11.95	11.36	8.20	7.72	9.37	17.15	5.57	15.86	6.68	4.40	4.10	3.75
21	9.33	11.20	6.52	8.28	7.35	17.11	6.21	14.14	8.04	4.20	4.06	3.70
22	8.83	9.58	6.17	7.68	7.70	17.96	7.88	13.89	7.06	4.22	4.06	3.80
23	8.93	7.10	6.00	8.56	8.23	17.90	7.51	15.16	6.53	4.22	4.12	4.37
24	8.57	5.07	6.37	7.61	9.85	17.91	6.10	15.71	9.19	5.04	4.09	4.45
25	6.13	8.34	6.46	6.09	11.63	18.24	6.21	18.42	10.53	5.29	4.12	4.45
26	6.32	10.31	7.18	6.54	11.95	18.46	5.72	17.09	8.91	4.30	4.12	4.00
27	5.83	9.22	6.12	11.42	11.63	18.48	5.61	14.54	6.59	4.28	4.10	3.81
28	5.58	6.25	5.61	15.69	9.80	18.27	5.61	14.50	6.45	4.36	4.06	3.80
29	6.20	4.79	5.90	16.53	6.90	16.75	5.51	13.79	6.76	3.99	4.09	3.76
30	6.24	5.30	6.70	17.82	---	16.45	5.59	12.54	6.50	4.33	4.04	3.69
31	6.31	---	9.21	19.09	---	16.23	---	9.93	---	5.07	4.01	---
MEAN	9.38	8.12	7.72	10.89	11.35	12.65	9.67	12.12	9.90	7.03	4.64	4.02
MAX	15.90	11.88	10.88	19.09	19.17	18.48	19.43	20.48	17.51	10.40	6.03	5.17
MIN	4.23	4.61	4.41	6.09	6.34	5.71	5.46	6.40	6.45	3.99	4.01	3.69

CAL YR 1975 MEAN 11.34 MAX 29.19 MIN 4.02
WTR YR 1976 MEAN 8.96 MAX 20.48 MIN 3.69

APALACHICOLA RIVER

02358600 Flat Creek near Chattahoochee, Fla.

LOCATION.--Lat 30°37'43", long 84°50'06", in SE¼ sec. 28, T.3 N., R.6.W., Gadsden County, Hydrologic Unit 03130011, at bridge on State Highway 269, 5.3 mi (8.5 km) south of Chattahoochee, and 6.1 mi (9.8 km) upstream from mouth.

DRAINAGE AREA.--24.9 mi^2 (64.5 km^2).

PERIOD OF RECORD.--Discharge measurements: 1961, 1964-69 (one or two discharge measurements each water year); October 1974 to current year. January 1961 to current year, annual maximum.
Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording gage and crest-stage gage. Datum of gage is 85.39 ft (26.027 m) from Department of Transportation benchmark.

EXTREMES.--Maximum discharge 8,450 f^3/s (239 m^3/s) Sept. 21, 1969 (gage height, 13.62 ft or 4152 m), from rating extended above 1220 ft^3/s (34.6 m^3/s) on the basis of slope-area measurement of peak flow; maximum discharge measured, 1,220 ft^3/s (34.6 m^3/s), July 30, 1975; minimum measured, 12 ft^3/s (0.34 m^3/s), June 12, 1969.
Water temperature (1975-76): Maximum temperature observed, 24.0 °C, June 11, 1975; minimum observed, 5.0 °C, Feb. 24, 1976.

REMARKS.--Annual maximum is published in the section of this report entitled DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT.			APR.		
23	50		22	27	20.0
JAN.			MAY		
16	45	7.5	18	69	20.5
FEB.			AUG.		
24	40	5.0	18	57	22.0
MAR.			SEPT.		
26	39	16.0	17	26	

APALACHICOLA RIVER

02358700 Apalachicola River near Blountstown, Fla.

LOCATION.--Lat 30°25'30", long 85°01'53", in NE¼ sec.3, T.1 S., R.8 W., Calhoun County, Hydrologic Unit 03130011, on right bank 500 ft (152 m) upstream from Neal Lumber Company Landing at McNeal, 0.5 mi (0.8 km) upstream from Old River cutoff, 1.5 mi (2.4 km) southeast of Blountstown, and 78 mi (126 km) upstream from mouth.

DRAINAGE AERA.--17,600 mi² (45,600 km²), approximately.

PERIOD OF RECORD.--October 1957 to current year. Gage-height records collected in this vicinity since January 1920 are contained in reports of National Weather Service. Miscellaneous discharge measurements for some periods August 1938 to August 1957 are in files of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 26.96 ft (8.217 m) above mean sea level (U.S. Weather Bureau bench mark). Prior to Sept. 17, 1921, nonrecording gage near present site at different datum. Sept. 17, 1921, to Aug. 28, 1957, nonrecording gage at several sites within 500 ft (152 m) of present site at present datum. Since Aug. 26, 1960, auxiliary nonrecording gage at site 2.2 mi (3.5 km) upstream at bridge on State Highway 20, at present datum.

AVERAGE DISCHARGE.--19 years, 24,650 ft³/s (698.1 m³/s).

EXTREMES.--Current year: Maximum discharge, 62,800 ft³/s (1,778 m³/s) Feb. 1; maximum gage height, 19.33 ft (5.892 m) May 19; minimum daily discharge, 13,500 ft ³/s (382 m³/s) Sept. 16, 17, 21, 22; minimum daily gage height, 5.68 (1.731 m) Sept. 22.
Period of record: Maximum discharge, 162,500 ft³/s (4,600 m³/s) Apr. 9, 1960; maximum gage height, 24.38 ft (7.431 m) Mar. 8, 1966; minimum daily, 6,280 ft³/s (178 m³/s) Oct. 29, 1962; minimum daily gage height, 1.75 ft (0.533 m) Oct. 31, Nov. 4, 6, 7, 1968.
Maximum stage known since at least 1920, 28.6 ft (8.72 m) present datum, Mar. 21, 1929, from U.S. National Weather Service records.

REMARKS.--See page for table of gage height.

COOPERATION.--Records furnished by Corps of Engineers.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14800	18400	16800	28800	61100	20600	45600	17500	30200	22300	17400	14100
2	15200	16800	23200	31500	58800	20600	49000	21300	32900	26400	18100	15400
3	17400	16200	26400	32100	53300	22600	53700	25300	35500	27200	17900	16800
4	15900	15300	28500	31600	53500	24400	53900	25000	36200	26700	16200	15500
5	15800	16500	28300	29600	51600	23800	49000	24900	41000	25900	15700	15000
6	15500	18300	27000	29500	46500	20000	44600	25100	47400	27200	15800	14300
7	21700	19400	24800	31300	42000	19500	42400	25000	49300	29200	15200	14100
8	35400	22200	21300	29600	38700	17900	40400	23700	43900	29500	16200	14400
9	42500	24700	23300	28600	30700	18200	38300	20800	38900	28400	16900	14000
10	45400	21500	25100	32400	31500	19100	31000	21700	34800	27600	18300	13900
11	44500	22900	26300	33900	34900	21800	22800	25900	32700	27500	17600	14400
12	44100	26200	27200	28000	34600	26500	19600	21400	30400	26700	16900	13800
13	41700	32100	24200	29000	34400	26200	18600	19500	28500	25800	16600	13700
14	36800	31200	17900	33900	31100	26700	20500	20200	27000	26800	16700	13600
15	33700	29200	14700	35400	23600	24800	23300	31400	25600	24600	17500	13600
16	32400	31700	14400	34900	20200	29500	24300	35900	25100	20700	15800	13500
17	31900	26200	15400	30200	20500	44100	22600	43300	23800	18800	14800	13500
18	34800	26200	22200	27100	21600	45600	18500	54200	22700	17900	14500	13900
19	40000	28900	21400	23900	26600	48500	16900	58100	21900	17100	14400	13700
20	38200	30800	24000	22600	28800	49600	15900	51200	20900	15800	14400	13600
21	31400	31100	20000	23400	23200	48400	16600	44800	22700	14900	14300	13500
22	27400	29200	18400	22800	22300	49400	18600	40700	23000	14800	14300	13500
23	25100	24600	17600	23300	22900	50800	20800	42300	20400	14700	14200	14200
24	26200	18400	17800	23600	24900	51200	18200	43800	23200	15300	14000	14800
25	21300	18400	18200	20100	29300	51600	17400	48100	28500	17200	14000	15000
26	19500	24700	19500	18700	32400	52600	16900	54200	28100	15600	14300	14800
27	18900	26900	18900	26900	32600	53800	16300	47600	22700	14900	14300	13900
28	18000	22700	17400	39300	31100	55300	16200	43400	20600	14900	14300	13700
29	18300	16400	16900	45300	24200	51700	16000	41800	20700	14600	14300	13700
30	19000	16000	19300	49700	---	47200	16000	38400	20100	14700	14200	13600
31	19000	---	23300	54700	---	46100	---	33000	---	15400	14300	---
TOTAL	862800	703100	659700	951700	986900	1108100	823900	1069500	878700	659100	483400	425500
MEAN	27830	23440	21280	30700	34030	35750	27460	34500	29290	21260	15590	14180
MAX	45400	32100	28500	54700	61100	55300	53900	58100	49300	29500	18300	16800
MIN	14800	15300	14400	18700	20200	17900	15900	17500	20100	14600	14000	13500

CAL YR 1975 TOTAL 12302500 MEAN 33710 MAX 114000 MIN 14200
WTR YR 1976 TOTAL 9612400 MEAN 26260 MAX 61100 MIN 13500

02358700 Apalachicola River near Blountstown, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.37	8.24	7.84	12.72	19.09	9.31	17.55	8.52	13.00	10.04	7.74	6.00
2	6.57	7.45	10.90	13.63	18.88	9.30	16.15	10.32	13.90	11.64	8.11	6.68
3	7.74	7.11	12.13	13.83	18.27	10.18	18.83	11.96	14.70	11.92	8.00	7.45
4	6.95	6.66	12.90	13.67	18.30	10.92	18.85	11.85	14.89	11.76	7.12	6.77
5	6.92	7.28	12.92	13.00	18.05	10.64	18.15	11.80	16.09	11.47	6.85	6.50
6	6.73	8.14	12.47	12.85	17.22	9.01	17.45	11.78	17.38	11.95	6.90	6.10
7	9.78	8.73	11.66	13.45	16.33	8.78	17.02	11.75	17.70	12.64	6.59	6.00
8	14.65	10.01	10.31	12.89	15.56	8.00	16.55	11.24	16.71	12.74	7.09	6.15
9	16.44	11.03	11.14	12.55	13.15	8.15	16.06	9.97	15.60	12.35	7.47	5.97
10	17.00	9.68	11.87	13.84	13.44	8.60	13.96	10.30	14.50	12.09	8.18	5.90
11	16.83	10.40	12.20	14.22	14.52	9.84	10.93	11.97	13.84	12.03	7.84	6.15
12	16.75	11.67	12.52	12.23	14.43	11.77	9.51	10.15	13.05	11.75	7.50	5.86
13	16.26	13.73	11.44	12.56	14.38	11.67	9.04	9.30	12.38	11.45	7.32	5.80
14	15.05	13.42	8.60	14.21	13.29	11.84	9.95	9.52	11.86	11.80	7.40	5.77
15	14.16	12.76	6.91	14.67	10.59	11.15	11.25	13.81	11.36	11.00	7.79	5.74
16	13.72	13.70	6.75	14.52	9.11	12.95	11.65	15.20	11.16	9.35	6.91	5.70
17	13.56	11.77	7.17	12.98	9.25	16.95	10.96	16.90	10.65	8.45	6.40	5.68
18	14.50	11.79	10.52	11.88	9.74	17.24	9.08	18.70	10.22	8.01	6.21	5.92
19	15.87	12.75	10.17	10.70	11.70	17.78	8.27	19.11	9.87	7.59	6.15	5.80
20	15.42	13.51	11.13	10.16	12.52	17.95	7.75	18.20	9.41	6.91	6.15	5.75
21	13.38	13.59	9.44	10.50	10.43	17.85	8.10	17.40	10.19	6.43	6.12	5.70
22	12.01	12.95	8.63	10.26	10.03	18.02	9.17	16.22	10.35	6.38	6.09	5.68
23	11.55	11.26	8.26	10.45	10.29	18.24	10.25	16.50	9.22	6.35	6.05	6.07
24	11.57	8.53	8.36	10.56	11.09	18.30	8.93	16.80	10.41	6.62	5.97	6.40
25	9.60	8.57	8.57	9.08	12.68	18.35	8.53	17.60	12.40	7.65	5.97	6.46
26	8.80	11.41	9.18	8.42	13.73	18.59	8.29	18.39	12.25	6.81	6.10	6.36
27	8.49	12.23	8.91	11.81	13.80	18.74	7.95	17.42	10.20	6.43	6.12	5.92
28	8.06	10.61	8.16	15.69	13.30	18.93	7.89	16.63	9.29	6.42	6.11	5.82
29	8.20	7.61	7.80	16.98	10.81	18.46	7.80	16.29	9.34	6.27	6.10	5.78
30	8.55	7.43	8.99	17.77	---	17.75	7.80	15.49	9.09	6.33	6.08	5.75
31	8.57	---	10.74	18.46	---	17.55	---	13.93	---	6.72	6.10	---
MEAN	11.61	10.47	9.95	12.92	13.59	13.96	11.86	14.03	12.37	9.33	6.79	6.05
MAX	17.00	13.73	12.92	18.46	19.09	18.93	18.85	19.11	17.70	12.74	8.18	7.45
MIN	6.37	6.66	6.75	8.42	9.11	8.00	7.75	8.52	9.09	6.27	5.97	5.68

CAL YR 1975 MEAN 12.95 MAX 23.15 MIN 5.88
WTR YR 1976 MEAN 11.07 MAX 19.11 MIN 5.68

CHIPOLA RIVER BASIN

02359000 Chipola River near Altha, Fla.

LOCATION.--Lat 30°32'02", long 85°09'55", in NW¼ sec.32, T.2N., R.9W., Calhoun County, Hydrologic Unit 03130012, on right bank on downstream side of bridge on State Highway 274, 0.9 mi (1.4 km) downstream from Holliman Branch, 3.5 mi (5.6 km) southwest of Altha, and 54 mi (87 km) upstream from mouth.

DRAINAGE AREA.--781 mi^2 (2023 km^2).

PERIOD OF RECORD.--November 1912 to December 1913, September 1921 to September 1927, August 1929 to September 1931, March 1943 to current year. Monthly discharge only for some periods published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 19.95 ft (6.081 m) above mean sea level (levels by Corps of Engineers). Prior to Jan. 13, 1950, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--41 years (1921-27, 1929-31, 1943-76), 1,486 ft^3/s (42.08 m^3/s), 25.84 in/yr (656 mm/yr).

EXTREMES.--Current year: Maximum discharge, 14,040 ft^3/s (114 m^3/s) Feb. 1 (gage height, 17.11 ft or 5.215 m); minimum, 660 ft^3/s (18.7 m^3/s) Aug. 25, estimated, (gage height, 8.95 ft or 2.728 m).

Period or record: Maximum discharge, 25,000 ft^3/s (708 m^3/s) Sept. 20, 1926 (gage height, 33.55 ft or 10.226 m), from floodmarks), from rating curve extended above 11,000 ft^3/s (312 m^3/s) on basis of slope-area measurement of peak flow; minimum, 330 ft^3/s (9.34 m^3/s) Oct. 31, Nov. 1, 2, 1968; (gage height, 8.29 ft or 2.527 m) Nov. 13-15, 1954.

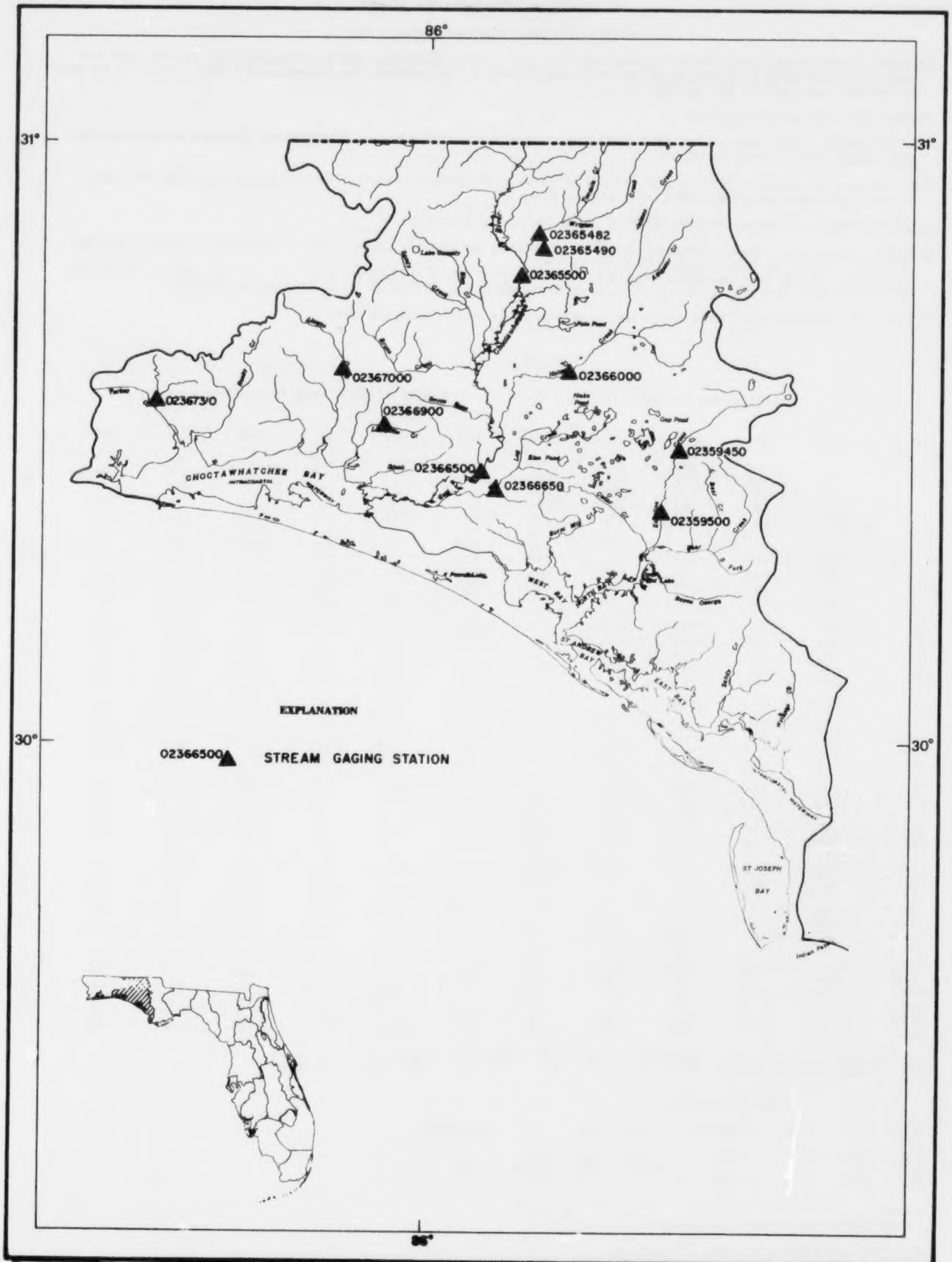
REMARKS.--Records good. Some regulation at low flow by reservoirs on tributaries above station.

REVISIONS (WATER YEARS).--WSP 1384: Drainage area. WSP 1504: 1924, 1925(M), 1926.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1430	1690	1350	1710	3960	1610	1810	1980	1710	1300	818	870
2	1550	1610	1450	1580	3970	1530	1710	2090	1690	1340	925	800
3	1620	1560	1470	1540	3710	1480	1640	2050	1740	1270	1450	760
4	1700	1510	1400	1600	3360	1440	1580	2080	2100	1170	1170	740
5	1760	1490	1370	1600	3010	1400	1550	2100	2550	1210	1040	800
6	1890	1600	1390	1510	2730	1380	1600	1900	2740	1280	986	850
7	2080	1730	1370	1420	2540	1350	1690	1520	2720	1450	940	930
8	2620	1890	1330	1720	2360	1280	1600	1390	2570	1630	898	940
9	2600	2000	1270	1830	2230	1570	1470	1580	2410	1680	879	870
10	2540	1950	1230	1770	2130	1580	1360	1590	2240	1580	852	780
11	2520	1850	1170	1800	2060	1580	1290	1520	1940	1440	850	740
12	2440	1850	1150	1890	1990	1570	1200	1490	1590	1300	799	720
13	2340	1980	1120	1940	1910	1570	1150	1390	1410	1060	784	710
14	2200	1930	1100	1810	1840	1730	1160	1350	1310	1090	777	700
15	2020	1840	1140	1670	1780	1670	1210	1630	1240	1060	781	690
16	1830	1730	1160	1590	1740	1690	1210	1720	1180	1010	770	680
17	1860	1630	1220	1580	1690	1810	1260	1880	1120	989	743	680
18	1560	1560	1380	1550	1650	1920	1180	1990	1100	998	754	680
19	2110	1470	1320	1520	1630	1970	1090	2080	1130	1020	724	680
20	2250	1390	1480	1430	1600	1970	1160	1980	1240	999	701	670
21	2440	1350	1250	1430	1580	1860	1120	1780	1270	996	733	670
22	2600	1310	1240	1400	1630	1700	1080	1630	1280	983	730	660
23	2620	1290	1230	1360	1650	1670	1050	1720	1230	943	714	660
24	2550	1270	1200	1330	1660	1470	1010	1780	1190	895	703	700
25	2490	1240	1180	1310	1730	1460	1020	1970	1140	896	660	740
26	2400	1230	1250	1550	1950	1440	1030	2000	1170	902	690	720
27	2300	1320	1260	2840	2080	1440	1030	1940	1220	875	780	700
28	2150	1370	1260	3350	1970	2470	1030	2030	1320	866	770	770
29	2000	1350	1290	3470	1750	2300	1030	1980	1320	859	720	740
30	1840	1320	1510	3530	---	2090	1150	1850	1210	871	770	720
31	1760	---	1710	3750	---	1920	---	1750	---	857	930	---
TOTAL	66070	47310	40250	58380	63890	51920	38470	55740	48080	34819	25841	22370
MEAN	2131	1577	1298	1883	2203	1675	1282	1798	1603	1123	834	746
MAX	2620	2000	1710	3750	3970	2470	1810	2100	2740	1680	1450	940
MIN	1430	1230	1100	1310	1580	1280	1010	1350	1100	857	660	660
CFSM	2.73	2.02	1.66	2.41	2.82	2.14	1.64	2.30	2.05	1.44	1.07	.96
IN.	3.15	2.25	1.92	2.78	3.04	2.47	1.83	2.65	2.29	1.66	1.23	1.07

CAL YR 1975 TOTAL 804574 MEAN 2204 MAX 13600 MIN 551 CFSM 2.82 IN 38.32
WTR YR 1976 TOTAL 553140 MEAN 1511 MAX 3970 MIN 660 CFSM 1.93 IN 26.35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CHOCTAWHATCHEE BAY
WEST BAY
NORTH BAY
ST ANDREWS BAY
EAST BAY
ST JOSEPH BAY
EXPLANATION
02366500
STREAM GAGING STATION

Figure 8. Location of stream gaging stations in the Pea River basin, Choctawhatchee River below Pea River, and inflow to and coastal areas for St. Andrews and Choctawhatchee Bays.

02359450 Econfina Creek near Fountain, Fla.

LOCATION.--Lat 30°28'55", long 85°31'30", in SE¼ sec.15, T.1 N., R.13 W., Washington County, Hydrologic Unit 03140101, near left bank 15 ft (5 m) below Walsingham bridge on county road, 0.2 mi (0.3 km) upstream from Mitchell Mill Creek, 6.0 mi (9.7 km) west of Fountain, and 23 mi (37 km) upstream from mouth.

DRAINAGE AREA.--70.2 mi² (181.8 km²).

PERIOD OF RECORD.--Water years 1962-65 (annual maximum), January 1965 to current year. Miscellaneous discharge measurements for some periods prior to January 1962.

GAGE.--Water-stage recorder. Datum of gage is 31.84 ft (9.705 m) above mean sea level. Jan. 31, 1962, to Dec. 30, 1964, nonrecording gage and crest-stage gage at same site and datum.

AVERAGE DISCHARGE.--11 years, 168 ft³/s (4.758 m³/s), 32.50 in/yr (826 mm/yr).

EXTREMES.--Current year: Maximum discharge, 950 ft³/s (26.9 m³/s) May 23 (gage height, 11.44 ft or 3.487 m); minimum, 101 ft³/s (2.86 m³/s) May 13, 14 (gage height, 4.50 ft or 1.372 m).

Period or record: Maximum discharge, 1,550 ft³/s (43.9 m³/s) Feb. 2, 1973 (gage height, 14.44 ft or 4.401 m); minimum, 56 ft³/s (1.59 m³/s) Sept. 15, 16, Oct. 2, 3, 5, 6, 1968; minimum height, 3.69 ft (1.125 m) Sept. 15, 16, 1968.

REMARKS.--Records good, except those for periods of no gage-height record, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	213	147	181	276	239	141	181	443	145	211	149	190
2	282	146	207	234	242	139	169	314	305	173	180	146
3	213	145	175	209	229	142	160	179	323	147	436	128
4	182	144	160	203	216	140	154	150	204	140	276	137
5	186	144	154	196	205	136	151	139	204	140	177	148
6	257	144	151	186	196	135	151	136	200	333	152	179
7	268	183	150	183	190	135	153	131	158	415	174	186
8	364	225	193	175	184	134	147	140	142	260	147	242
9	309	219	179	392	176	256	146	253	137	190	226	193
10	223	199	160	252	173	250	146	226	133	170	156	146
11	195	196	152	218	170	173	145	134	135	237	134	132
12	184	206	149	201	168	151	145	112	135	183	129	123
13	176	272	147	193	166	151	153	106	134	158	125	118
14	171	197	146	188	164	156	169	234	134	148	153	116
15	167	172	144	182	162	146	147	623	135	141	147	116
16	166	162	143	177	160	185	143	464	133	139	135	113
17	291	158	183	176	159	234	144	485	135	138	157	110
18	302	153	226	176	158	179	141	247	145	151	136	109
19	219	150	221	171	159	151	140	154	143	147	128	108
20	186	149	189	169	155	144	140	128	170	145	122	107
21	174	156	176	167	151	147	141	119	178	145	118	107
22	168	153	171	165	182	145	141	369	145	139	117	108
23	166	148	167	162	189	141	140	867	140	129	116	109
24	163	147	164	161	161	135	141	395	152	123	120	135
25	159	146	169	161	154	134	141	240	163	136	120	137
26	156	145	206	226	151	137	141	188	151	148	128	129
27	154	198	217	787	149	357	140	166	147	127	136	131
28	154	289	186	849	145	613	141	335	145	124	128	136
29	155	197	206	797	143	304	144	307	160	175	125	141
30	159	167	304	305	---	208	368	191	173	174	127	146
31	154	---	368	244	---	188	---	159	---	143	166	---
TOTAL	6316	5257	5744	8181	5096	5787	4663	8134	4904	5329	4840	4126
MEAN	204	175	185	264	176	187	155	262	163	172	156	138
MAX	364	289	368	849	242	613	368	867	323	415	436	242
MIN	154	144	143	161	143	134	140	106	133	123	116	107
CFSM	2.91	2.49	2.64	3.76	2.51	2.66	2.21	3.73	2.32	2.45	2.22	1.97
IN.	3.35	2.79	3.04	4.34	2.70	3.07	2.47	4.31	2.60	2.82	2.56	2.19

CAL YR 1975 TOTAL 83084 MEAN 228 MAX 1410 MIN 103 CFSM 3.25 IN 44.03
WTR YR 1976 TOTAL 68377 MEAN 187 MAX 867 MIN 106 CFSM 2.66 IN 36.23

PEAK DISCHARGE (BASE, 600 ft³/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-28	Unknown	b11.38	a940	5-16	2300	9.54	646
3-27	2400	10.13	741	5-23	0100	11.44	950
5-14	2400	9.60	656				

a About
b Computed based on estimated discharge.

NOTE.--No gage-height record Dec. 17 to Feb. 8.

ST. ANDREW BAY, INFLOW AND COASTAL AREA

02359500 Econfina Creek near Bennett, Fla.

LOCATION.--Lat 30°23'04", long 85°33'24", in SE¼ sec.20, T.1S., R.13W., Bay County, Hydrologic Unit 03140101, near center of span on downstream side of bridge on State Highway 388, 0.5 mi (0.8 km) downstream from Old Mill Branch, 1.6 mi (2.6 km) southwest of Bennett, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--122 mi^2 (316 km^2).

PERIOD OF RECORD.--October 1935 to current year. Monthly discharge only for October and November 1935, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 1.03 ft (0.314 m) above mean sea level. Prior to Jan. 29, 1962, nonrecording gage. Jan. 30, 1962 to June 16, 1966, water-stage recorder, at site 150 ft (46 m) downstream at same datum.

AVERAGE DISCHARGE.--41 years, 528 ft^3/s (14.95 m^3/s), 58.77 in/yr (1,493 mm/yr).

EXTREMES.--Current year: Maximum discharge, 997 ft^3/s (28.2 m^3/s) Jan. 28 (gage height, 8.09 ft or 2.466 m); minimum, 454 ft^3/s (12.9 m^3/s) Aug. 25 (gage height, 5.87 ft or 1.789 m).

Period of record: Maximum discharge, 4,860 ft^3/s (138 m^3/s) Apr. 2, 1948, (gage height, 12.46 ft or 3.798 m), from rating curve extended above 2,200 ft^3/s (62.3 m^3/s); minimum, 307 ft^3/s (8.69 m^3/s) Jan. 9, 1956 (gage height, 4.10 ft or 1.250 m).

Flood in September 1926 or April 1928 (based on rainfall records), reached a stage of 15.0 ft or 4.57 m, from floodmarks (discharge not determined).

REMARKS.--Records good. Flow includes large ground-water inflow.

REVISIONS (WATER YEARS).--WSP 872: 1937. WSP 1906. Drainage area.

DISCHARGF. IN CUBIC FEET PER SECOND. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	588	535	566	646	605	506	554	715	532	575	495	557
2	658	532	587	598	609	504	542	730	558	555	506	537
3	648	530	575	569	593	504	532	620	635	528	603	504
4	598	529	553	563	576	504	524	520	600	503	668	509
5	591	528	544	556	565	503	518	487	558	490	569	544
6	641	528	540	546	562	500	524	479	556	562	516	569
7	687	568	538	543	562	496	526	474	542	710	520	582
8	761	623	550	633	559	494	514	478	520	710	527	615
9	762	661	567	689	552	573	505	506	512	628	545	597
10	688	639	549	621	547	630	499	584	502	553	540	543
11	617	631	538	578	543	574	497	540	500	570	499	511
12	591	638	533	561	540	528	495	502	494	562	489	495
13	578	710	529	553	537	516	494	492	484	531	496	485
14	569	653	528	548	534	516	506	491	480	512	511	480
15	563	596	525	542	531	515	508	675	476	499	525	480
16	562	577	525	538	528	543	501	700	472	490	504	475
17	669	565	543	537	528	590	492	735	476	483	507	470
18	723	558	588	535	527	572	486	670	487	495	503	467
19	670	553	581	530	528	531	481	580	505	508	481	466
20	604	550	549	528	525	515	481	520	529	485	470	464
21	580	552	536	526	520	512	482	516	540	475	467	464
22	568	553	530	523	540	513	482	695	515	470	465	465
23	562	546	526	520	555	509	480	790	498	473	462	462
24	557	544	523	518	538	504	476	818	498	471	458	484
25	553	541	527	518	522	499	479	682	518	470	456	500
26	548	538	566	581	515	503	487	576	503	503	464	492
27	545	548	577	844	510	582	483	558	509	485	497	491
28	544	616	546	972	507	779	475	602	517	470	487	506
29	543	616	567	860	506	827	472	642	514	491	474	500
30	543	565	669	670	---	647	590	580	519	540	477	514
31	542	---	686	612	---	576	---	544	---	522	607	---
TOTAL	18853	17323	17261	18558	15764	17065	15085	18501	15549	16319	15788	15228
MEAN	608	577	557	599	544	550	503	597	518	526	509	508
MAX	762	710	686	972	609	827	590	818	635	710	668	615
MIN	542	528	523	518	506	494	472	474	472	470	456	462
CFSM	4.98	4.73	4.57	4.91	4.46	4.51	4.12	4.89	4.25	4.31	4.17	4.16
IN.	5.75	5.28	5.26	5.66	4.81	5.20	4.60	5.64	4.74	4.98	4.81	4.64

CAL YR 1975 TOTAL 221788 MEAN 608 MAX 1940 MIN 428 CFSM 4.98 IN 67.63
WTR YR 1976 TOTAL 201294 MEAN 550 MAX 972 MIN 456 CFSM 4.51 IN 61.38

PEAK DISCHARGE (BASE, 1,000 ft^3/s).--No peak above base.

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02365482 Wrights Creek near Caryville, Fla.

LOCATION.--Lat 30°49'37", long 85°48'33", in SE¼ sec.23, T.5 N., R.16 W., Holmes County, Hydrologic Unit 03140203, near left bank on downstream side of wooden deck bridge, 3.6 mi (5.8 km) north of Caryville and 8.2 mi (13.2 km) northwest of Bonifay.

DRAINAGE AREA.--116 mi^2 (430 km^2).

PERIOD OF RECORD.--July 1975 to current year.

GAGE.--Waterstage recorder. Datum of gage is at mean sea level(levels by Gulf Power Corporation). July 22, 1975 to Aug. 11, 1976, auxiliary nonrecording gage and since Aug. 12, 1976, auxiliary waterstage recorder about 4.9 mi (7.9 km) downstream from base gage at datum 39.02 ft (11.293 m) above mean sea level.

EXTREMES.--Maximum daily discharge during period July to September 1975, 3,370 ft^3/s (95.4 m^3/s) July 31; maximum gage height, 56.58 ft (17.246 m) Aug. 2; minimum daily, 62 ft^3/s (1.76 m^3/s) Sept. 15: minimum gage height, 46.43 ft (14.152 m) Sept. 17.
Current year: Maximum daily discharge, 2,820 ft^3/s (79.9 m^3/s) Oct 18; maximum gage height, 54.95 ft (16.749 m) Oct. 20, 21; minimum daily, 51 ft^3/s (1.44 m^3/s); minimum gage height, 45.34 ft (13.820 m) Sept. 23, 30.

REMARKS.--Records fair. Flow subject to variable backwater from Choctawhatchee River.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1										---	2700	166
2										---	2380	158
3										---	1910	150
4										---	1570	142
5										---	1560	142
6										---	1170	146
7										---	991	150
8										---	746	168
9										---	726	157
10										---	719	153
11										---	744	160
12										---	731	170
13										---	684	167
14										---	706	108
15										---	534	62
16										---	390	63
17										---	293	96
18										---	207	210
19										---	171	262
20										---	211	302
21										---	206	298
22										260	194	219
23										248	178	224
24										230	174	440
25										223	178	1130
26										195	168	2100
27										180	156	1120
28										196	144	839
29										256	153	612
30										1640	165	360
31										3370	162	---
TOTAL										---	21021	10474
MEAN										---	678	349
MAX										---	2700	2100
MIN										---	144	62
CFSM										---	4.08	2.10
IN.										---	4.71	2.35

02365482 Wrights Creek near Caryville, Fla.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	406	218	358	418	837	225	672	168	304	104	68	70
2	350	206	371	422	658	214	569	247	263	94	82	64
3	358	204	382	372	540	208	408	330	302	83	85	60
4	376	197	412	312	516	208	462	323	341	74	82	75
5	410	198	420	325	394	194	438	242	468	70	72	69
6	455	194	424	302	357	201	299	199	718	107	71	70
7	529	210	330	270	340	203	192	150	709	197	69	100
8	754	317	272	358	298	200	137	128	625	230	65	87
9	868	945	236	632	268	226	113	120	438	177	71	79
10	857	1110	231	620	244	281	131	132	297	142	66	86
11	844	1120	232	496	249	313	142	134	220	127	84	83
12	714	1030	224	446	240	293	133	122	179	105	71	76
13	696	883	220	380	246	281	138	112	170	92	65	66
14	514	728	212	350	246	326	148	118	143	90	63	63
15	444	582	210	322	243	321	139	177	125	90	58	60
16	365	500	209	302	238	336	145	305	115	82	60	56
17	649	464	208	278	240	466	133	382	107	79	61	55
18	2820	380	205	256	240	565	121	574	103	88	60	54
19	2080	424	206	250	235	532	117	542	107	83	60	53
20	1480	280	204	251	233	433	111	468	111	78	60	52
21	1150	262	212	248	228	362	103	495	133	74	57	52
22	1090	250	204	237	216	311	100	439	138	70	55	52
23	867	254	200	240	249	290	98	276	130	67	54	51
24	731	242	196	245	494	263	96	384	114	65	54	52
25	859	244	196	241	686	249	106	541	114	65	54	53
26	756	234	211	258	524	234	116	634	113	70	55	54
27	460	244	236	865	384	273	133	562	103	72	58	62
28	343	252	239	2400	286	707	127	522	98	69	71	68
29	281	334	244	1840	220	1520	114	498	117	69	81	63
30	234	342	256	1360	---	1390	122	470	116	67	85	58
31	228	---	328	1000	---	963	---	379	---	70	80	---
TOTAL	22968	12848	8088	16296	10149	12588	5863	10173	7021	2950	2077	1943
MEAN	741	428	261	526	350	406	195	328	234	95.2	67.0	64.8
MAX	2820	1120	424	2400	837	1520	672	634	718	230	85	100
MIN	228	194	196	237	216	194	96	112	98	65	54	51
CFSM	4.46	2.58	1.57	3.17	2.11	2.45	1.17	1.98	1.41	.57	.40	.39
IN.	5.15	2.88	1.81	3.65	2.27	2.82	1.31	2.28	1.57	.66	.47	.44

WTR YR 1976 TOTAL 112964 MEAN 309 MAX 2820 MIN 51 CFSM 1.86 IN 25.31

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02365490 Hathaway Mill Creek near Caryville, Fla.

LOCATION.--Lat 30°48'46", long 85°48'06", in NW¼ sec.25, T.5 N., R.16 W., Holmes County, Hydrologic Unit 03140203, on left bank 10 ft downstream from wooden deck bridge, 1.0 mi (1.6 km) upstream from Wrights Creek, 1.6 mi (2.6 km) north of Holmes-Washington County line, 2.8 mi (4.5 km) north of Caryville.

DRAINAGE AREA.--6.88 mi^2 (17.82 km^2).

PERIOD OF RECORD.--July 1975 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. (Levels by Gulf Power Corporation.)

EXTREMES.--Maximum discharge during period July to September 1975, 208 ft^3/s (5.89 m^3/s) July 30 (gage height, 58.99 ft or 17.980 m); minimum 2.9 ft^3/s (0.082 m^3/s) July 28 (gage height, 56.61 ft or 17.255 m).

Current year: Maximum discharge, 94 ft^3/s (2.66 m^3/s) Oct. 17 (gage height, 58.35 ft or 17.785 m); minimum, 0.96 ft^3/s (0.027 m^3/s) Sept. 3; minimum gage height, 56.45 ft (17.206 m) May 9.

REMARKS.--Records fair. Flow occasionally affected by backwater from Choctawhatchee River.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1										---	128	4.9
2										---	81	4.4
3										---	57	4.0
4										---	40	3.9
5										---	33	3.9
6										---	31	4.2
7										---	26	4.4
8										---	22	4.0
9										---	18	3.8
10										---	17	3.6
11										---	15	3.4
12										---	18	3.8
13										---	19	4.5
14										---	15	3.7
15										---	13	3.4
16										---	11	3.3
17										---	9.3	6.1
18										---	8.4	10
19										---	7.5	8.2
20										---	7.1	6.9
21										4.6	6.8	6.4
22										4.3	6.8	7.1
23										4.5	6.6	19
24										4.8	6.2	23
25										3.7	6.4	18
26										3.2	6.6	14
27										3.2	6.1	12
28										3.0	5.6	11
29										15	5.6	9.8
30										179	5.1	9.8
31										177	4.9	---
TOTAL										---	643.0	224.5
MEAN										---	20.7	7.48
MAX										---	128	23
MIN										---	4.9	3.3
CFSM										---	3.01	1.09
IN.										---	3.48	1.21

CHOCTAWHATCHEE, YELLOW, AND ESCAMBIA RIVERS

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02365490 H[illegible]away Mill Creek near Caryville, Fla.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	5.7	9.6	13	15	3.9	13	5.8	3.3	5.1	2.0	1.3
2	16	5.3	10	12	14	4.0	11	3.2	7.9	5.3	2.3	1.2
3	14	4.9	8.8	11	12	4.1	11	2.8	7.0	8.3	2.3	1.4
4	13	4.9	7.7	11	17	3.9	8.4	2.5	6.4	3.4	2.1	3.0
5	16	4.7	7.5	9.5	16	3.5	6.2	2.5	9.5	2.9	2.0	2.4
6	25	4.9	7.3	8.8	15	3.3	4.3	2.3	7.6	9.5	2.0	2.8
7	27	7.3	7.4	9.7	14	3.4	4.2	2.5	5.9	11	2.0	3.9
8	31	8.5	7.5	17	13	3.4	4.0	2.5	4.4	8.7	2.0	2.8
9	27	11	7.3	16	13	8.5	3.7	2.2	3.8	6.8	2.7	2.0
10	23	10	7.1	14	12	6.5	3.5	2.2	3.3	7.2	2.0	2.2
11	19	11	5.4	13	11	4.6	3.3	2.3	2.9	12	1.5	2.4
12	17	11	3.5	12	11	5.1	3.2	2.1	2.7	11	1.6	1.7
13	15	11	3.4	11	9.9	12	3.1	2.3	2.6	12	1.9	1.5
14	15	10	3.5	11	9.1	18	3.2	3.9	2.5	5.4	1.8	1.7
15	16	8.9	3.3	10	8.4	11	3.1	3.2	2.4	4.0	1.8	1.6
16	21	8.1	3.7	9.3	7.9	10	2.9	3.0	2.2	3.3	1.7	1.5
17	79	7.7	4.7	9.1	7.4	9.2	2.8	2.8	2.2	3.1	1.9	3.6
18	62	7.0	5.0	8.4	7.1	7.7	2.7	2.6	2.5	6.6	1.5	3.5
19	44	7.2	4.8	7.9	6.9	6.8	2.6	2.3	3.4	4.7	1.5	3.5
20	32	7.1	4.9	7.4	6.3	5.5	2.4	2.2	5.7	3.1	1.6	3.5
21	24	7.6	4.7	7.1	5.9	5.3	2.3	7.7	7.7	2.0	1.5	3.6
22	20	7.4	4.6	6.9	7.1	7.8	2.4	8.4	5.0	1.6	1.5	3.5
23	17	7.0	4.6	6.4	6.5	21	3.9	7.0	7.0	2.0	1.5	3.5
24	14	7.2	4.4	6.2	5.1	9.9	2.8	4.5	5.9	2.0	1.4	3.7
25	12	7.1	5.6	5.8	6.0	5.3	3.0	3.6	4.9	1.8	1.4	3.9
26	9.8	7.2	7.8	18	5.7	6.3	2.5	2.8	13	1.7	1.6	3.8
27	7.6	11	7.2	38	5.2	27	2.3	2.9	17	1.6	1.6	4.5
28	6.6	10	6.5	32	4.8	29	2.2	5.8	8.1	1.6	1.5	4.6
29	6.2	9.0	7.5	24	4.1	26	2.3	4.2	7.1	1.5	1.4	4.9
30	6.1	7.4	10	20	---	22	4.6	10	4.9	2.7	1.3	6.1
31	5.9	---	14	17	---	16	---	5.2	---	2.5	1.3	---
TOTAL	653.2	237.1	199.3	402.5	276.4	310.0	126.9	117.3	168.8	154.4	54.2	89.6
MEAN	21.1	7.90	6.43	13.0	9.53	10.0	4.23	3.78	5.63	4.98	1.75	2.99
MAX	79	11	14	38	17	29	13	10	17	12	2.7	6.1
MIN	5.9	4.7	3.3	5.8	4.1	3.3	2.2	2.1	2.2	1.5	1.3	1.2
CFSM	3.07	1.15	.93	1.89	1.39	1.45	.61	.55	.82	.72	.25	.43
IN.	3.53	1.28	1.08	2.18	1.49	1.68	.69	.63	.91	.83	.29	.48

WTR YR 1976 TOTAL 2789.7 MEAN 7.62 MAX 79 MIN 1.2 CFSM 1.11 IN 15.08

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02365500 Choctawhatchee River at Caryville, Fla.

LOCATION.--Lat 30°46'32", long 85°49'40", in NW¼ sec.10, T.4 N., R.16 W., Holmes County, Hydrologic Unit 03140203, near right bank on downstream side of bridge on U.S. Highway 90, 300 ft (91 m) downstream from Louisville and Nashville Railroad bridge, 0.8 mi (1.3 km) west of Caryville, 1.8 mi (2.9 km) downstream from Wrights Creek, and 64 mi (102 km) upstream from mouth.

DRAINAGE AREA.--3,499 mi² (9,062 km²).

PERIOD OF RECORD.--August 1929 to current year. Gage-height records collected at same site from 1928 to Aug. 1929 are contained in reports of U.S. Weather Bureau.

GAGE.--Water-stage recorder. Datum of gage is 39.02 ft (11.893 m) above mean sea level. Aug. 17 to Oct. 11, 1929 and Sept. 12, 1951 to Aug. 11, 1976 nonrecording gage at same site and datum. Oct. 12, 1929, to Sept. 11, 1951, water-stage recorder at same site and datum.

AVERAGE DISCHARGE.--47 years, 5,438 ft³/s (154.0 m³/s), 21.11 in/yr (536 mm/yr).

EXTREMES.--Current year: Maximum discharge, 28,500 ft³/s (807 m³/s) Oct. 21 (gage height, 13.66 ft or 4.164 m); minimum, 1,630 ft³/s (46.2 m³/s) Aug. 26 (gage height, 2.89 ft or 0.881 m).

Period of record: Maximum discharge, 88,000 ft³/s (2,500 m³/s) Apr. 13, 1975 (gage height, 18.39 ft or 5.605 m); minimum, 604 ft³/s (17.1 m³/s) Sept. 15, 16, 1968; minimum gage height, 0.82 ft (-0.250 m) Sept. 6, 1954.

Maximum stage since 1850 (from information by Corps of Engineers, Mobile District), 27.1 ft (8.26 m) Mar. 17, 1929, from U.S. Weather Bureau records and floodmarks; discharge, 206,000 ft³/s from rating curve extended above 58,000 ft³/s (1,640 m³/s) on basis of slope-area determination of peak flow.

REMARKS.--Records good. Some diurnal fluctuation caused by grist mills and powerplant above station during low flow. See page for table of gage height.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13200	7170	8220	7950	17600	6850	16700	5910	11000	3980	3010	3080
2	11100	6790	8220	8700	14700	6340	15800	8650	9950	4240	3610	2590
3	10500	6480	9590	9560	12400	5970	17000	11100	9780	4550	3950	2280
4	10800	6270	11700	10000	10900	5670	19000	12000	11700	4890	3840	2340
5	11300	6060	13000	9100	9810	5630	19100	10500	14200	4870	3710	2850
6	11700	5940	12000	8240	8810	5390	17300	7820	16200	4670	3450	3530
7	12800	5940	10600	7660	8070	5370	14300	6060	16100	4950	3160	4090
8	14300	6310	9100	7500	7860	5370	11700	5310	14600	5230	2930	4180
9	18000	7170	8110	7970	7860	5580	9500	6060	11900	5410	2830	4450
10	19500	8890	7620	9340	7700	6060	7740	6480	9500	5310	3270	5210
11	18900	9840	7070	10700	7230	6880	6740	6180	7740	4970	3800	5090
12	18100	9700	6670	10300	6810	7280	6150	5550	6570	4500	3630	4250
13	17200	10000	6330	9480	6450	7000	5800	5040	5600	4040	2950	3610
14	15900	10800	6090	8700	6220	6570	5580	4840	5120	3650	2470	2960
15	14100	12000	5910	8140	6050	6390	5770	5390	4660	3290	2270	2580
16	12400	12400	5800	7760	5910	6270	5770	8180	4290	3010	2210	2120
17	11900	11400	5770	7560	5690	7090	5520	13900	4020	2860	2350	2120
18	11600	9890	5890	7360	5600	8280	5190	18100	3840	2870	2350	2000
19	18400	7500	6210	7020	5660	8760	4820	19000	3860	2980	2320	1900
20	24200	7700	6570	6530	5690	8810	4500	17600	4060	2960	2150	1820
21	28100	7130	6420	6180	5760	8550	4290	13800	4600	2800	1970	1770
22	26200	6850	6160	5970	6310	8240	4030	10500	5290	2550	1870	1740
23	23900	6620	5870	5690	8940	7860	3860	9920	5630	2350	1790	1710
24	21200	6480	5630	5450	11900	7660	3690	11000	5480	2320	1730	1700
25	16600	6210	5510	5250	13700	7230	3740	14300	5200	2490	1680	1760
26	13800	6030	5600	5660	13400	6670	4200	16800	4920	2810	1650	2150
27	11600	6080	6340	7420	11200	6670	5070	17800	4560	2860	1840	2630
28	10400	6920	7340	11100	9020	8700	5550	17200	4110	2790	3020	2880
29	9280	7910	7820	15600	7700	12200	5470	15400	3980	2790	4090	3170
30	8220	8460	7720	19000	---	15400	5280	13800	4190	2970	4140	3690
31	7560	---	7620	19700	---	17200	---	12500	---	2900	3680	---
TOTAL	472960	236940	232500	276590	254950	237940	249160	336690	222650	112860	87720	86250
MEAN	15260	7898	7500	8922	8791	7675	8305	10860	7422	3641	2830	2875
MAX	28100	12400	13000	19700	17600	17200	19100	19000	16200	5410	4140	5210
MIN	7560	5940	5510	5250	5600	5370	3690	4840	3840	2320	1650	1700
CFSM	4.36	2.26	2.14	2.55	2.51	2.19	2.37	3.10	2.12	1.04	.81	.82
IN.	5.03	2.52	2.47	2.94	2.71	2.53	2.65	3.58	2.37	1.20	.93	.92

CAL YR 1975 TOTAL 3700150 MEAN 10140 MAX 81600 MIN 2630 CFSM 2.90 IN 39.34
WTR YR 1976 TOTAL 2807210 MEAN 7670 MAX 28100 MIN 1650 CFSM 2.19 IN 29.85

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02365500 Choctawhatchee River at Caryville, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.04	8.85	9.37	9.24	12.05	8.68	11.86	8.08	10.40	6.50	5.38	5.47
2	10.43	8.65	9.37	9.58	11.43	8.37	11.67	9.56	10.04	6.76	6.12	4.76
3	10.23	8.46	9.91	9.90	10.84	8.12	11.92	10.43	9.98	7.04	6.47	4.25
4	10.33	8.32	10.60	10.06	10.36	7.91	12.32	10.70	10.60	7.32	6.36	4.35
5	10.50	8.18	11.01	9.73	9.99	7.88	12.34	10.22	11.30	7.30	6.22	5.[illegible]4
6	10.60	8.10	10.71	9.38	9.62	7.70	11.99	9.18	11.76	7.14	5.94	6.02
7	10.95	8.10	10.26	9.10	9.30	7.69	11.34	8.18	11.74	7.37	5.58	6.62
8	11.32	8.35	9.73	9.02	9.20	7.69	10.60	7.6	11.40	7.58	5.26	6.78
9	12.12	8.85	9.32	9.25	9.20	7.84	9.88	8.18	10.68	7.72	5.12	7.25
10	12.41	9.65	9.08	9.82	9.12	8.18	9.14	8.46	9.88	7.64	5.72	7.67
11	12.30	10.00	8.80	10.28	8.88	8.70	8.62	8.26	9.14	7.38	6.32	7.61
12	12.15	9.95	8.58	10.16	8.66	8.91	8.24	7.82	8.52	7.00	6.14	6.98
13	11.97	10.06	8.36	9.87	8.44	8.76	8.00	7.44	7.86	6.56	5.28	6.11
14	11.70	10.32	8.20	9.58	8.29	8.52	7.84	7.28	7.50	6.16	4.57	5.30
15	11.28	10.70	8.08	9.33	8.17	8.40	7.98	7.70	7.13	5.74	4.24	4.74
16	10.83	10.84	8.00	9.15	8.08	8.32	7.98	9.35	6.80	5.38	4.12	3.95
17	10.68	10.53	7.98	9.05	7.92	8.81	7.80	11.24	6.54	5.16	4.36	3.95
18	10.58	10.02	8.06	8.95	7.86	9.40	7.55	12.14	6.36	5.18	4.37	3.70
19	12.20	9.02	8.28	8.77	7.90	9.60	7.26	12.32	6.38	5.34	4.31	3.51
20	13.16	9.12	8.52	8.49	7.92	9.62	7.00	12.04	6.58	5.31	3.99	3.34
21	13.62	8.83	8.42	8.26	7.97	9.52	6.80	11.20	7.08	5.08	3.64	3.23
22	13.40	8.68	8.25	8.12	8.35	9.38	6.55	10.22	7.63	4.70	3.43	3.13
23	13.12	8.55	8.05	7.92	9.67	9.20	6.38	1[illegible].03	7.88	4.38	3.27	3.06
24	12.70	8.46	7.88	7.75	10.69	9.10	6.20	10.40	7.77	4.32	3.12	3.04
25	11.85	8.28	7.79	7.60	11.18	8.88	6.26	11.34	7.56	4.60	2.98	3.19
26	11.20	8.16	7.86	7.90	11.11	8.58	6.72	11.88	7.34	5.10	2.91	4.00
27	10.65	8.19	8.37	8.98	10.46	8.58	7.46	12.08	7.05	5.16	3.35	4.82
28	10.19	8.72	8.94	10.43	9.70	9.58	7.82	11.96	6.63	5.06	5.34	5.19
29	9.[illegible]0	9.22	9.18	11.63	9.12	10.78	7.76	11.58	6.50	5.06	6.65	5.59
30	9.37	9.48	9.13	12.31	---	11.58	7.62	11.21	6.71	5.32	6.70	6.21
31	9.05	---	9.08	12.45	---	11.97	---	10.86	---	5.22	6.20	---
MEAN	11.35	9.09	8.88	9.42	9.36	8.91	8.70	9.97	8.42	5.99	4.95	4.97
MAX	13.62	10.84	11.01	12.45	12.05	11.97	12.34	12.32	11.76	7.72	6.70	7.67
MIN	9.05	8.10	7.79	7.60	7.86	7.69	6.20	7.28	6.36	4.32	2.91	3.04

CAL YR 1975 MEAN 9.19 MAX 18.17 MIN 4.84
WTR YR 1976 MEAN 8.33 MAX 13.62 MIN 2.91

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02366000 Holmes Creek at Vernon, Fla.

LOCATION.--Lat 30° 37'35", long 85°42'45", in NE¼ sec.35, T.3 N., R.15 W., Washington County, Hydrologic Unit 03140203, near left bank on downstream side of bridge on State Highway 79 at Vernon, 0.2 mi (0.3 km) downstream from Pippin Mill Creek, and 25 mi (40 km) upstream from mouth.

DRAINAGE AREA.--386 mi^2 (1,000 km^2).

PERIOD OF RECORD.--April 1950 to current year.

GAGE.--Nonrecording gage read once daily. Datum of gage is 10.70 ft (3.261 m) above mean sea level.

AVERAGE DISCHARGE.--25 years, 651 ft^3/s (18.44 m^3/s), 22.90 in/yr (582 mm/yr), corrected.
26 years, 656 ft^3/s (18.58 m^3/s), 23.08 in/yr (586 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,780 ft^3/s (107 m^3/s) Oct. 19, (gage height, 18.08 ft or 5.511 m) minimum, 312 ft^3/s (9.26 m^3/s) Aug. 25, (gage height, 10.96 ft or 3.341 m).
Period of record: Maximum discharge, 10,900 ft^3/s (309 m^3/s) Apr. 4, 1960, (gage height, 23.35 ft or 7.117 m); minimum, 234 ft^3/s (6.63 m^3/s) July 8, 1955; minimum gage height, 10.15 ft (3.093 m) Nov. 1, 2, 1968.

REMARKS.--Records fair.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	740	568	768	586	2940	541	869	445	835	485	409	384
2	810	547	782	616	2270	479	909	555	849	477	394	397
3	821	527	782	677	1600	463	930	821	873	491	393	420
4	966	513	831	747	1360	465	921	897	980	505	405	511
5	1040	509	831	817	1190	466	913	921	1240	529	406	479
6	1090	503	831	877	1010	483	857	905	1430	549	398	479
7	1380	505	824	909	897	517	691	897	1070	601	391	521
8	1710	637	814	817	842	589	583	853	824	828	397	537
9	1770	921	810	849	810	586	551	655	796	930	410	586
10	1850	1230	807	1070	786	589	521	525	782	957	420	531
11	1930	1280	705	1290	765	619	503	535	765	925	439	427
12	1840	1230	525	1280	865	800	483	545	723	744	479	421
13	1760	1150	511	1190	925	966	570	509	684	684	475	415
14	1660	1030	547	1250	939	980	782	468	652	545	463	391
15	1600	961	560	1380	901	1080	705	543	553	519	386	370
16	1810	857	558	1290	842	1180	497	758	513	543	366	374
17	2720	772	558	1020	853	1200	529	810	481	549	381	370
18	3800	695	555	842	961	1170	622	835	456	426	392	362
19	4400	652	560	719	957	1040	634	853	453	400	386	361
20	4260	604	570	677	925	990	469	817	465	438	372	353
21	3390	570	580	652	939	980	421	775	471	402	357	357
22	2520	555	586	616	934	1010	406	726	472	374	373	365
23	1740	543	583	610	930	1060	389	957	513	378	396	381
24	1320	541	570	573	772	921	376	1310	493	380	359	409
25	1110	570	563	740	655	921	370	1410	468	379	346	445
26	934	610	558	905	674	990	382	1410	471	415	363	479
27	817	640	555	970	643	980	385	1240	469	447	378	491
28	730	664	578	1490	619	893	383	1060	477	456	362	523
29	628	705	583	2830	533	814	384	861	493	387	376	541
30	613	726	583	3360	---	698	403	810	505	366	394	555
31	610	---	578	3350	---	768	---	838	---	391	395	---
TOTAL	52369	21815	20046	34999	29337	25238	17438	25544	20256	16500	12261	13235
MEAN	1689	727	647	1129	1012	814	581	824	675	532	396	441
MAX	4400	1280	831	3360	2940	1200	930	1410	1430	957	479	586
MIN	610	503	511	573	533	463	370	445	453	366	346	353
CFSM	4.38	1.88	1.68	2.92	2.62	2.11	1.51	2.13	1.75	1.38	1.03	1.14
IN.	5.05	2.10	1.93	3.37	2.83	2.43	1.68	2.46	1.95	1.59	1.18	1.28

CAL YR 1975 TOTAL 444426 MEAN 1218 MAX 8240 MIN 344 CFSM 3.16 IN 42.83
WTR YR 1976 TOTAL 289038 MEAN 790 MAX 4400 MIN 346 CFSM 2.05 IN 27.86

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02366500 Choctawhatchee River near Bruce, Fla.

LOCATION.--Lat 30°27'03", long 85°53'54", in NE¼ sec.36, T.1 N., R.17 W., Walton County, Hydrologic Unit 03140203, on downstream fender pile at center swing pier of bridge on State Highway 20, 4.0 mi (6.4 km) southeast of Bruce, 5.8 mi (9.3 km) downstream from Holmes Creek, and 21 mi (34 km) upstream from mouth.

DRAINAGE AREA.--4,384 mi² (11,355 km²).

PERIOD OF RECORD.--October 1930 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3.94 ft (1.201 m) above mean sea level. Prior to Apr. 6, 1934, nonrecording gage at site 1.0 mi (1.6 km) downstream at datum 0.25 ft (0.076 m) lower.

AVERAGE DISCHARGE.--46 years, 7,106 ft³/s (201.2 m³/s), 22.01 in/yr (559 mm/yr).

EXTREMES.--Current year: Maximum discharge, 29,500 ft³/s (835 m³/s) Oct. 24 (gage height, 12.00 ft or 3.65 m); minimum, 2,560 ft³/s (72.5 m³/s) Aug. 26 (gage height, 2.34 ft or 0.713 m).
Period of record: Maximum discharge, 76,800 ft³/s (2,180 m³/s) Apr. 15, 1975 (gage height, 17.54 ft or 5.346 m); minimum discharge, 1,290 ft³/s (36.5 m³/s) Oct. 27, 1968 (gage height, -0.48 ft or -0.146 m).
Maximum stage known, 25.0 ft (7.620 m) at former site and datum, in March 1929, from floodmarks; discharge, 220,000 ft³/s (6,230 m³/s), from rating curve extended above 66,000 ft³/s (1,870 m³/s) on basis of records for station at Caryville.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 872: 1937. WSP 1384: Drainage area. WSP 1504: 1931-34.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24100	15000	8110	8980	21300	11900	13900	5910	16500	5650	3910	4400
2	22600	13000	8560	9560	22700	10600	16700	6120	15700	5520	4140	4560
3	20900	11000	9110	9850	21800	9400	17600	6300	14500	5400	4360	4370
4	20000	9700	9480	10000	19600	8460	17400	6770	13300	5270	4690	3970
5	18800	8700	9770	10300	17200	7860	17300	7910	12600	5260	4940	3670
6	18200	8280	10500	10600	15200	7360	18000	9530	12700	5420	5020	3640
7	18000	7990	11700	10700	13600	6960	18900	10500	13900	5560	4920	3930
8	17900	7780	12800	10800	12200	6650	18400	10200	15600	5670	4680	4430
9	18300	7650	13000	10500	11200	6670	16800	9190	16600	5910	4410	4900
10	19200	7570	12300	10200	10300	6580	14800	8030	16200	6130	4220	5290
11	19900	7780	11300	10100	9820	6560	12800	7210	14800	6240	4020	5550
12	20100	8320	10400	10400	9450	6650	11000	6810	13000	6220	4020	5650
13	20000	9210	9610	11000	9110	6940	9630	6740	11100	6160	4210	5710
14	19400	10200	8960	11600	8750	7310	8540	6740	9530	6030	4280	5650
15	18500	10900	8460	11700	8400	7650	7820	6680	8260	5590	4010	5320
16	17600	11500	8070	11300	8070	7800	7250	6530	7400	5200	3630	4710
17	16400	12000	7100	10700	7780	7720	6830	6500	6500	4800	3470	4020
18	15300	12600	7510	10100	7530	7630	6590	7100	5820	4400	3540	3550
19	15500	12800	7340	9690	7340	7650	6440	8930	5200	4150	3560	3200
20	17000	12400	7230	9320	7140	7900	6270	12900	5000	4140	3520	2980
21	21000	11500	7200	8980	6990	8400	6060	16400	4800	4020	3320	2850
22	24000	10600	7250	8600	6940	8980	5770	18100	4900	3910	3050	2750
23	27300	9710	7360	8260	6860	9320	5460	18600	5100	3780	2860	2660
24	29400	9030	7440	7910	6880	9320	5160	17400	5400	3610	2730	2660
25	29000	8500	7440	7590	7230	9080	4970	15700	5850	3390	2610	2650
26	28000	8150	7440	7670	8420	8830	4840	14600	6070	3310	2580	2680
27	26500	8010	7290	8340	10800	8930	4740	14800	6130	3380	2630	2870
28	25000	7930	7200	8960	12700	8980	4760	16600	6130	3500	2780	3190
29	22000	7860	7310	10500	12900	8900	4940	18100	6100	3550	3190	3530
30	19000	7840	7670	13500	---	9290	5290	18500	5910	3650	3660	3760
31	17000	---	8260	17500	---	10900	---	17800	---	3800	4060	---
TOTAL	645900	293510	273170	315210	328210	257180	304960	343200	290600	148620	117020	119100
MEAN	20840	9784	8812	10170	11320	8296	10170	11070	9687	4794	3775	3970
MAX	29400	15000	13000	17500	22700	11900	18900	18600	16600	6240	5020	5710
MIN	15300	7570	7100	7590	6860	6560	4740	5910	4800	3310	2580	2650
CFSM	4.75	2.23	2.01	2.32	2.58	1.89	2.32	2.53	2.21	1.09	.86	.91
IN.	5.48	2.49	2.32	2.67	2.78	2.16	2.59	2.91	2.47	1.26	.99	1.01

CAL YR 1975 TOTAL 4685550 MEAN 12840 MAX 76000 MIN 3790 CFSM 2.93 IN 39.76
WTR YR 1976 TOTAL 3436680 MEAN 9390 MAX 29400 MIN 2580 CFSM 2.14 IN 29.16

CHOCTAWHATCHEE, YELLOW, AND ESCAMBIA RIVERS

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02366500 Choctawhatchee River near Bruce, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.10	9.08	6.75	7.15	10.54	8.18	8.78	5.48	9.46	5.31	3.90	4.34
2	10.82	8.52	6.98	7.37	10.84	7.74	9.51	5.62	9.27	5.22	4.12	4.47
3	10.47	7.90	7.20	7.48	10.66	7.31	9.75	5.74	8.95	5.14	4.30	4.31
4	10.28	7.43	7.34	7.55	10.19	6.93	9.68	6.04	8.62	5.05	4.54	3.97
5	10.02	7.04	7.45	7.65	9.63	6.62	9.67	6.65	8.41	5.04	4.79	3.64
6	9.88	6.84	7.70	7.75	9.12	6.36	9.83	7.36	8.44	5.15	4.85	3.61
7	9.84	6.69	8.12	7.80	8.67	6.14	10.05	7.72	8.78	5.25	4.77	3.92
8	9.81	6.58	8.46	7.81	8.28	5.97	9.93	7.62	9.25	5.32	4.57	4.36
9	9.91	6.51	8.51	7.71	7.95	5.98	9.55	7.23	9.50	5.48	4.35	4.75
10	10.11	6.47	8.30	7.62	7.66	5.92	9.03	6.71	9.40	5.63	4.19	5.06
11	10.26	6.58	7.99	7.59	7.47	5.91	8.45	6.28	9.04	5.70	4.02	5.24
12	10.31	6.86	7.68	7.68	7.33	5.97	7.89	6.06	8.51	5.69	4.02	5.31
13	10.28	7.24	7.39	7.90	7.20	6.13	7.40	6.02	7.93	5.65	4.18	5.35
14	10.15	7.60	7.14	8.09	7.06	6.33	6.97	6.02	7.36	5.55	4.24	5.31
15	9.95	7.87	6.93	8.12	6.90	6.51	6.60	5.99	6.83	5.27	4.00	5.08
16	9.74	8.05	6.73	7.99	6.73	6.59	6.30	5.89	6.38	5.00	3.59	4.60
17	9.44	8.22	6.02	7.79	6.58	6.55	6.07	5.87	5.87	4.67	3.42	4.02
18	9.16	8.40	6.44	7.59	6.45	6.50	5.93	6.22	5.42	4.34	3.50	3.51
19	9.22	8.46	6.35	7.42	6.35	6.51	5.83	7.13	5.00	4.13	3.52	3.13
20	9.59	8.33	6.29	7.28	6.24	6.64	5.72	8.48	4.84	4.12	3.47	2.87
21	10.50	8.07	6.27	7.15	6.16	6.90	5.58	9.43	4.67	4.02	3.26	2.69
22	11.09	7.74	6.30	6.99	6.13	7.15	5.39	9.86	4.75	3.90	2.96	2.56
23	11.65	7.43	6.36	6.83	6.09	7.28	5.18	9.97	4.92	3.76	2.71	2.45
24	11.98	7.17	6.40	6.65	6.10	7.28	4.97	9.68	5.14	3.57	2.54	2.45
25	11.92	6.95	6.40	6.48	6.29	7.19	4.81	9.27	5.44	3.33	2.40	2.44
26	11.76	6.77	6.40	6.52	6.90	7.09	4.70	8.98	5.58	3.25	2.37	2.48
27	11.52	6.70	6.32	6.87	7.80	7.13	4.62	9.04	5.63	3.32	2.42	2.72
28	11.26	6.66	6.27	7.13	8.42	7.15	4.64	9.50	5.63	3.45	2.60	3.12
29	10.70	6.62	6.33	7.70	8.49	7.12	4.79	9.87	5.61	3.51	3.12	3.49
30	10.07	6.61	6.52	8.64	---	7.27	5.06	9.95	5.48	3.62	3.63	3.74
31	9.59	---	6.83	9.71	---	7.86	---	9.78	---	3.78	4.05	---
MEAN	10.40	7.38	6.97	7.55	7.73	6.78	7.09	7.60	7.00	4.59	3.69	3.83
MAX	11.98	9.08	8.51	9.71	10.84	8.18	10.05	9.97	9.50	5.70	4.85	5.35
MIN	9.16	6.47	6.02	6.48	6.09	5.91	4.62	5.48	4.67	3.25	2.37	2.44

CAL YR 1975 MEAN 7.56 MAX 17.44 MIN 3.37
WTR YR 1976 MEAN 6.72 MAX 11.98 MIN 2.37

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02366650 Pine Log Creek near Ebro, Fla.

LOCATION.--Lat 30°25'08", long 85°52'18", in NW¼ sec.8, T.1 S., R.16 W., Bay County, Hydrologic Unit 03140203, at bridge on state Highway 79, 2.0 mi (3.2 km) south of Ebro and 6.0 mi (9.6 km) upstream from mouth.

DRAINAGE AREA.--114 mi² (295 km²).

PERIOD OF RECORD.--Discharge measurements: 1967, 1975 (one discharge measurement made each water year) October 1975 to September 1976.
Temperature observations: October 1975 to September 1976. See REMARKS.

GAGE.--Nonrecording. Datum of gage is 27.8 ft (8.47 m) above mean sea level (Florida Department of Transportation bench marks averaged).

EXTREMES.--Period of record: Discharge (1967, 1975-76): Maximum discharge measured, 312 ft³/s (8.84 m³/s) Sept. 12, 1975 (gage height 10.50 ft or 3.20 m); minimum measured, 26.5 ft³/s (0.75 m³/s) Aug. 24, 1975 (gage height, 6.15 ft or 1.875 m)

REMARKS.--Possible backwater effect from Choctawhatchee River. Results of miscellaneous temperature observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURE, WATER YEAR OCTOBER 1975 to SEPTEMBER 1976

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)	DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)
NOV. 4	186	--	JUNE 24	73	--
DEC. 17	117	--	AUG. 4	5	--
APR. 7	87	18.0	AUG. 24	26	--

CHOCTAWHATCHEE BAY, INFLOW AND COASTAL AREA

02366900 Magnolia Creek near Freeport, Fla.

LOCATION.--Lat 30°31'48", long 86°05'15", in NW¼ sec.6, T.1 S., R.18 W., Walton County, Hydrologic Unit 03140102, near right bank on downstream side of bridge, 0.5 mi (0.8 km) upstream from Lafayette Creek, and 3.5 mi (5.6 km) northeast of Freeport.

DRAINAGE AREA.--11.2 mi^2 (29.0 km^2).

PERIOD OF RECORD.--September 1968 to September 1971; October 1971 to September 1974 (discharge measurements only); October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 18.31 ft (5.581 m) above mean sea level.

AVERAGE DISCHARGE.--5 years (1968-71, 1974-76), 41.4 ft^3/s (1.172 m^3/s), 50.20 in/yr (1,275 mm/yr).

EXTREMES.--Current year: Maximum discharge, 329 ft^3/s (9.32 m^3/s) Oct. 17 (gage height, 10.19 ft or 3.106 m); minimum, 24 ft^3/s (0.68 m^3/s) May 4, 14, (gage height, 5.17 ft or 1.576 m).

Period of record: Maximum discharge, 880 ft^3/s (24.9 m^3/s) Feb. 16, 1970 (gage height, 13.62 ft or 4.151 m); minimum, 14 ft^3/s (0.39 m^3/s) June 29, 30, July 1, 1974 (gage height, 4.63 ft or 1.411 m).

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	159	61	63	63	54	36	35	59	34	41	30	96
2	148	61	58	49	52	36	33	30	90	39	32	43
3	83	60	50	48	48	36	32	27	55	36	45	37
4	75	59	48	47	47	35	31	25	53	34	30	35
5	138	59	47	45	46	35	31	25	92	34	29	36
6	181	58	47	44	48	34	31	26	47	53	28	37
7	150	77	47	49	48	34	31	26	40	54	32	71
8	174	65	47	77	45	33	30	29	38	39	41	56
9	96	61	46	53	44	74	29	32	37	41	62	39
10	84	59	45	47	43	43	29	27	37	36	31	36
11	79	57	44	46	43	36	30	26	37	33	29	34
12	77	63	44	45	43	35	30	26	35	33	28	32
13	74	71	44	44	42	37	29	25	35	46	28	31
14	73	52	43	44	42	36	33	50	34	38	29	31
15	72	50	43	42	42	35	30	85	34	32	28	31
16	79	49	43	42	41	38	28	37	33	31	35	30
17	249	47	53	43	41	37	28	33	32	38	104	29
18	119	46	59	41	42	33	27	29	33	45	36	29
19	85	46	44	41	43	32	27	27	36	32	30	29
20	78	46	43	41	40	33	26	26	59	30	29	28
21	75	47	42	40	39	33	26	41	42	29	28	29
22	74	44	42	40	47	32	26	63	34	31	28	30
23	72	44	41	39	41	32	26	107	33	35	27	29
24	71	43	41	39	38	31	25	67	46	29	27	40
25	69	42	54	39	38	31	36	40	71	28	31	34
26	68	42	89	132	37	35	31	35	61	29	35	33
27	67	119	49	173	37	71	27	37	39	28	42	40
28	66	68	45	79	36	89	26	76	58	28	34	45
29	65	52	56	55	36	41	25	50	50	28	38	46
30	63	51	73	51	---	37	32	38	59	30	31	38
31	62	---	85	50	---	36	---	35	---	37	99	---
TOTAL	3025	1699	1575	1688	1243	1216	880	1259	1384	1097	1156	1154
MEAN	97.5	56.6	50.8	54.4	42.8	39.2	29.3	40.6	46.1	35.3	37.2	38.4
MAX	249	119	89	173	54	89	36	107	92	54	104	96
MIN	62	42	41	39	36	31	25	25	32	28	27	28
CFSM	8.71	5.06	4.54	4.86	3.83	3.50	2.62	3.63	4.12	3.16	3.33	3.43
IN.	10.05	5.64	5.23	5.61	4.13	4.04	2.92	4.18	4.60	3.64	3.84	3.83

CAL YR 1975 TOTAL 22363 MEAN 61.2 MAX 612 MIN 20 CFSM 5.47 IN 74.27
WTR YR 1976 TOTAL 17376 MEAN 47.4 MAX 249 MIN 25 CFSM 4.24 IN 57.71

CHOCTAWHATCHEE BAY, INFLOW AND COASTAL AREA

02367000 Alaqua Creek near DeFuniak Springs, Fla.

LOCATION.--Lat 30°37'00", long 86°09'50", in NE¼ sec.5, T.1 N., R.19 W., Walton County, Hydrologic Unit 03140102, near center of span on downstream side of Pine Allen Bridge on U.S. Forest Service road 200 in Eglin Field Military Reservation, 0.8 mi (1.3 km) upstream from Davis Branch, 8 mi (13 km) southwest of DeFuniak Springs, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--65.6 mi^2 (169.9 km^2).

PERIOD OF RECORD.--April 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.65 ft (5.989 m) above mean sea level.

AVERAGE DISCHARGE.--25 years, 168 ft^3/s (4.758 m^3/s), 34.78 in/yr (883 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,080 ft^3/s (58.9 m^3/s) Oct. 17 (gage height, 16.27 ft or 4.959 m); minimum, 86 ft^3/s (2.44 m^3/s) Apr. 29, (gage height, 7.82 ft or 2.384 m).

Period of record: Maximum discharge, 17,500 ft^3/s (496 m^3/s) July 31, 1975 (gage height, 21.35 ft or 6.507 m, from floodmark), from velocity-area rating; minimum, 27 ft^3/s (0.76 m^3/s) June 8, 21, 22, 30, July 1, 1955; minimum gage height, 5.93 ft (1.807 m) June 22, 1955.

REMARKS.--Records good.

REVISIONS.--WSP 1906: 1953 (M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	607	277	342	344	269	157	185	594	169	232	152	166
2	1090	272	425	252	289	155	164	376	472	188	171	154
3	706	268	294	235	246	158	153	158	941	250	860	129
4	473	267	253	262	232	156	146	132	460	187	655	126
5	840	258	240	231	223	152	139	120	464	176	241	186
6	1810	255	234	217	224	151	135	116	464	271	197	168
7	1320	320	236	257	244	149	132	120	265	482	178	272
8	1530	390	314	491	216	149	125	147	223	308	169	405
9	1000	332	265	396	213	313	119	132	203	295	170	218
10	676	324	238	263	204	301	114	119	190	216	147	178
11	556	314	226	243	200	182	116	114	181	182	137	160
12	482	372	220	237	198	166	114	117	176	185	130	145
13	437	597	217	227	194	169	117	116	168	328	132	135
14	408	439	215	220	191	171	186	203	163	238	159	129
15	385	295	212	210	188	177	150	655	157	193	162	126
16	403	272	211	204	184	205	124	450	151	174	138	122
17	1480	260	241	211	184	216	116	256	148	204	265	116
18	1350	252	265	199	184	169	106	181	146	183	217	112
19	740	245	215	194	198	158	102	153	186	160	145	110
20	545	243	206	192	182	155	100	141	349	147	126	108
21	458	253	203	191	176	172	97	143	346	138	121	106
22	420	245	199	187	213	177	95	249	214	133	116	110
23	394	234	197	184	215	161	91	578	175	128	114	104
24	375	230	193	183	179	150	88	565	178	123	106	108
25	354	226	203	182	172	147	119	255	235	122	106	112
26	338	222	310	397	169	170	131	190	212	130	152	146
27	329	390	254	1440	166	403	99	181	174	121	238	238
28	319	469	211	893	161	558	91	379	219	154	179	187
29	310	293	236	405	159	272	87	407	248	172	180	205
30	298	251	353	292	---	207	172	221	278	187	141	198
31	286	---	377	264	---	190	---	184	---	186	131	---
TOTAL	20719	9065	7805	9703	5873	6216	3713	7752	7955	6193	6135	4779
MEAN	668	302	252	313	203	201	124	250	265	200	198	159
MAX	1810	597	425	1440	289	558	186	655	941	482	860	405
MIN	286	222	193	182	159	147	87	114	146	121	106	104
CFSM	10.2	4.60	3.84	4.77	3.09	3.06	1.89	3.81	4.04	3.05	3.02	2.42
IN.	11.75	5.14	4.43	5.50	3.33	3.52	2.11	4.40	4.51	3.51	3.48	2.71

CAL YR 1975 TOTAL 151027 MEAN 414 MAX 14500 MIN 83 CFSM 6.31 IN 85.64
WTR YR 1976 TOTAL 95908 MEAN 262 MAX 1810 MIN 87 CFSM 3.99 IN 54.39

PEAK DISCHARGE (BASE, 800 ft^3/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-2	1000	15.16	1,170	1-27	0900	15.84	1,640
10-6	0900	16.22	2,020	6-3	0700	14.99	1,150
10-17	1900	16.27	2,080	8-3	1500	15.52	1,380

CHOCTAWHATCHEE BAY, INFLOW AND COASTAL AREA

02367310 Juniper Creek at State Highway 85, near Niceville, Fla.

LOCATION.--Lat 30°33'26", long 86°31'10", in NW¼ sec.26, T.1 N., R.23 W., Okaloosa County, Hydrologic Unit 03140102, on downstream side of bridge on State Highway 85, 0.8 mi (1.3 km) upstream from mouth at Turkey Creek, and 3 mi (5 km) northwest of Niceville.

DRAINAGE AREA.--29.5 mi^2 (76.4 km^2).

PERIOD OF RECORD.--March 1966 to September 1975. October 1975 to September 1976 (discharge measurements only).

GAGE.--Nonrecording gage. Datum of gage is 7.78 ft (2.371 m) above mean sea level.

AVERAGE DISCHARGE.--9 years, 83.8 ft^3/s (2.373 m^3/s), 38.58 in/yr (980 mm/yr).

EXTREMES.--Current year: Maximum discharge measured, 235 ft^3/s (6.66 m^3/s) Oct. 31 (gage height, 7.52 ft or 2.292 m); minimum measured, 77 ft^3/s (2.18 m^3/s) Aug. 25, (gage height, 6.72 ft or 2.048 m).

Period of record: Maximum discharge, 1,110 ft^3/s (31.4 m^3/s) Sept. 23, 1975 (gage height, 9.56 ft or 2.914 m), from curve extended above 415 ft^3/s (11.7 m^3/s); minimum, 39 ft^3/s (1.10 m^3/s) July 28, 1967; minimum gage height, 5.19 ft (1.582 m) Sept. 11, 1968.

REMARKS.--Gaging site destroyed during water year.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

Oct. 31	235	May 7	89.8	July	85.0
Dec. 22	140	June 16	90.6	Aug. 25	77.0
Feb. 11	117				

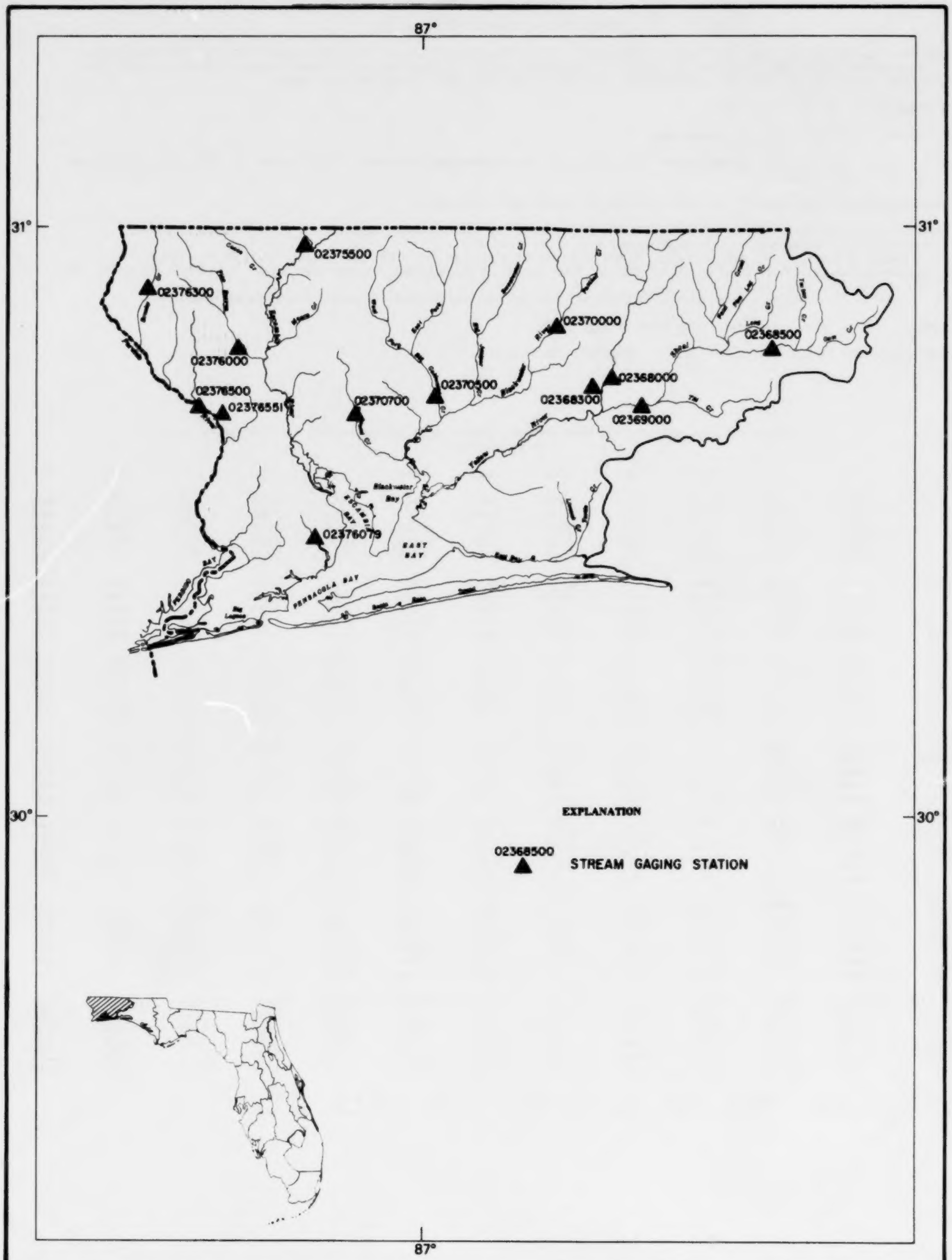
87°
31°
31°
02375500
02376300
02376000
02376500
02376551
02370700
02370500
02370000
02368300
02368000
02369000
02368500
02376079
Blackwater Bay
ESCAMBIA BAY
EAST BAY
PENSACOLA BAY
30°
30°
EXPLANATION
02368500
STREAM GAGING STATION
87°

Figure 9. Location of stream gaging stations in the Yellow, Blackwater, lower Conecuh, Escambia and Perdido River basins; and inflow to and coastal area for Escambia and Perdido Bays.

YELLOW RIVER BASIN

02368000 Yellow River at Milligan, Fla.

LOCATION.--Lat 30°45'10", long 86°37'45", in SE¼ sec.15, T.3 N., R.24 W., Okaloosa County, Hydrologic Unit 03140103, near center of bridge on downstream side of new bridge on U.S.Highway 90, 0.5 mi (0.8 km) east of Milligan, 0.5 mi (0.8 km) upstream from Trammel Creek, 6.7 mi (10.8 km) upstream from Shoal River, and 40 mi (64 km) upstream from mouth.

DRAINAGE AREA.--624 mi² (1,616 km²).

PERIOD OF RECORD.--July 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 45.00 ft (13.716 m) above mean sea level. Prior to Dec. 6, 1939, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--38 years, 1,167 ft³/s (33.05 m³/s), 25.46 in/yr (645 mm/yr).

EXTREMES.--Current year: Maximum discharge, 11,800 ft³/s (334 m³/s) Oct. 20 (gage height, 11.51 ft or 3.508 m); minimum, 422 ft³/s (12.0 m³/s) Aug. 24, 25 (gage height, 2.11 ft or 0.643 m).

Period of record: Maximum discharge, 38,600 ft³/s (1,090 m³/s) Apr. 12, 1975 (gage height, 17.71 ft or 5.398 m). Minimum discharge, 131 ft (3.71 m³/s) June 23, 24, 1967, result of channel work; minimum gage height, 0.59 ft (0.180 m) Oct. 21, 22, 24, 25, 30, 1968.

Flood of 1929 reached a stage of 26.2 ft (2.99 m), from information by local residents; discharge not determined.

REMARKS.--Records good. See page for table of gage height.

REVISIONS (WATER YEARS).--WSP 892: 1938-39. WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3260	1690	2800	2090	3400	1460	3900	1110	2110	1190	873	655
2	3120	1620	2770	2060	2300	1390	3400	1200	2190	987	1000	605
3	2930	1560	2960	2100	2000	1330	3300	1160	2160	906	827	565
4	2940	1510	3270	2000	2000	1290	3500	1090	2800	882	805	557
5	3210	1470	3280	1720	2000	1250	3240	942	3920	909	894	712
6	4070	1450	2980	1560	1750	1230	2420	830	4580	867	882	975
7	4310	1440	2400	1500	1650	1210	1780	815	4580	891	760	1240
8	5270	1440	2020	1660	1600	1200	1530	987	3820	996	685	1290
9	5770	1510	1860	2250	1600	1270	1410	1050	2870	945	625	1280
10	5550	1750	1810	2630	1600	1400	1330	1130	2030	862	587	1070
11	5020	2030	1760	2640	1500	1500	1250	1090	1590	981	555	832
12	4270	2510	1670	2400	1450	1530	1180	1020	1390	873	525	695
13	3480	3100	1590	2020	1400	1440	1140	897	1270	797	505	620
14	2790	3960	1510	1760	1350	1330	1430	1310	1170	820	497	572
15	2330	4560	1470	1650	1350	1230	1720	2480	1090	860	520	542
16	2090	4580	1440	1630	1300	1320	1560	3480	1020	802	537	515
17	3690	3920	1450	1630	1300	1470	1430	4600	957	727	577	502
18	5850	2980	1460	1580	1250	1530	1350	5850	912	762	545	497
19	8650	2300	1530	1490	1250	1530	1220	4820	900	740	495	487
20	11400	1970	1590	1410	1200	1380	1080	3170	1030	672	472	477
21	8350	1820	1550	1360	1200	1260	990	1970	1140	637	465	467
22	5470	1740	1460	1320	1250	1280	930	1510	1230	610	457	467
23	3880	1700	1390	1300	1250	1350	879	1580	1240	585	442	455
24	3050	1680	1340	1280	3450	1390	840	1910	1170	610	430	455
25	2590	1620	1380	1260	4100	1390	996	2370	1100	692	425	465
26	2330	1560	1560	1390	3470	1370	1170	3100	978	635	515	512
27	2170	1910	1750	1680	2640	1790	1160	4310	921	610	735	555
28	2030	2350	1410	2170	1910	2450	1130	4700	927	627	830	605
29	1930	2500	2090	2870	1590	2670	1050	3520	1040	602	1070	625
30	1850	2610	2210	4220	---	3020	954	2630	1190	647	885	697
31	1760	---	2200	4320	---	3690	---	2370	---	800	740	---
TOTAL	125410	66840	60460	60950	54110	48950	49269	69001	53325	24524	20160	19991
MEAN	4045	2228	1950	1966	1866	1579	1642	2226	1778	791	650	666
MAX	11400	4580	3280	4320	4100	3690	3900	5850	4580	1190	1070	1290
MIN	1760	1440	1340	1260	1200	1200	840	815	900	585	425	455
CFSM	6.48	3.57	3.13	3.15	2.99	2.53	2.63	3.57	2.85	1.27	1.04	1.07
IN.	7.48	3.98	3.60	3.63	3.23	2.92	2.94	4.11	3.18	1.46	1.20	1.19

CAL YR 1975 TOTAL 1012717 MEAN 2775 MAX 33200 MIN 468 CFSM 4.45 IN 60.37
WTR YR 1976 TOTAL 652990 MEAN 1784 MAX 11400 MIN 425 CFSM 2.86 IN 38.93

YELLOW RIVER BASIN

02368000 Yellow River at Milligan, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.24	6.44	7.89	7.13	8.35	5.87	8.63	4.69	7.15	4.94	3.91	3.04
2	8.13	6.28	7.87	7.09	7.40	5.62	8.33	5.00	7.25	4.29	4.34	2.84
3	8.00	6.12	8.02	7.14	7.00	5.44	8.27	4.85	7.21	4.02	3.73	2.68
4	9.01	5.99	8.25	6.97	7.00	5.30	8.40	4.62	7.81	3.94	3.64	2.64
5	8.21	5.89	8.26	6.52	7.00	5.18	8.23	4.14	8.65	4.03	3.97	3.27
6	8.72	5.82	8.04	6.13	6.55	5.10	7.50	3.74	8.99	3.89	3.94	4.24
7	8.85	5.81	7.50	5.97	6.35	5.02	6.61	3.68	8.98	3.97	3.46	5.12
8	9.27	5.79	7.01	6.37	6.20	4.99	6.06	4.29	8.60	4.32	3.16	5.31
9	9.47	6.00	6.75	7.31	6.20	5.23	5.71	4.50	7.93	4.15	2.92	5.28
10	9.38	6.56	6.67	7.74	6.20	5.65	5.43	4.77	7.02	3.87	2.77	4.58
11	9.17	7.03	6.58	7.75	6.00	5.97	5.16	4.64	6.20	4.27	2.64	3.74
12	8.82	7.60	6.40	7.51	5.90	6.04	4.92	4.41	5.63	3.91	2.52	3.20
13	8.39	8.12	6.19	7.01	5.80	5.81	4.80	3.99	5.23	3.61	2.44	2.90
14	7.87	8.67	6.00	6.59	5.50	5.42	5.76	5.14	4.90	3.70	2.41	2.71
15	7.41	8.98	5.89	6.36	5.50	5.09	6.51	7.54	4.63	3.86	2.50	2.59
16	7.13	8.99	5.80	6.31	5.35	5.39	6.11	8.39	4.39	3.63	2.57	2.48
17	8.47	8.64	5.82	6.31	5.35	5.88	5.75	8.99	4.19	3.33	2.73	2.43
18	9.49	8.03	5.87	6.17	5.15	6.06	5.51	9.50	4.04	3.47	2.60	2.41
19	10.42	7.38	6.05	5.93	5.15	6.06	5.06	9.08	4.00	3.38	2.40	2.37
20	11.35	6.93	6.19	5.69	5.00	5.59	4.59	8.15	4.44	3.11	2.31	2.33
21	10.34	6.69	6.08	5.52	5.00	5.21	4.30	6.89	4.81	2.97	2.28	2.29
22	9.34	6.55	5.86	5.40	5.15	5.28	4.10	6.00	5.08	2.86	2.25	2.29
23	8.62	6.48	5.62	5.32	5.15	5.51	3.93	6.16	5.13	2.76	2.19	2.24
24	8.09	6.42	5.47	5.26	8.35	5.64	3.78	6.83	4.89	2.86	2.14	2.24
25	7.70	6.27	5.60	5.19	8.75	5.64	4.32	7.47	4.65	3.19	2.12	2.28
26	7.42	6.13	6.12	5.62	8.38	5.57	4.89	8.12	4.26	2.96	2.48	2.47
27	7.22	6.82	6.55	6.42	7.71	6.60	4.87	8.84	4.07	2.86	3.36	2.64
28	7.03	7.44	6.83	7.22	6.82	7.56	4.75	9.03	4.09	2.93	3.73	2.84
29	6.87	7.60	7.11	7.95	6.21	7.77	4.50	8.40	4.46	2.83	4.55	2.92
30	6.73	7.72	7.28	8.81	---	8.07	4.18	7.73	4.96	3.01	3.95	3.21
31	6.59	---	7.26	8.86	---	8.51	---	7.47	---	3.62	3.38	---
MEAN	8.41	6.97	6.67	6.63	6.36	5.87	5.70	6.36	5.79	3.57	3.01	3.05
MAX	11.35	8.99	8.26	8.86	8.75	8.51	8.63	9.50	8.99	4.94	4.55	5.31
MIN	6.59	5.79	5.47	5.19	5.00	4.99	3.78	3.68	4.00	2.76	2.12	2.24

CAL YR 1975 MEAN 6.46 MAX 16.68 MIN 2.30
WTR YR 1976 MEAN 5.70 MAX 11.35 MIN 2.12

YELLOW RIVER BASIN

02368300 Baggett Creek near Milligan, Fla.

LOCATION.--Lat 30°43'40", long 86°39'35", in SW¼ sec.28, T.3 N., R.24 W., Okaloosa County, Hydrologic Unit 03140103, at left downstream side of culvert on U. S. Highway 90, 1.2 mi (1.9 km) upstream from mouth, and 2 mi (3 km) southwest of Milligan.

DRAINAGE AREA.--7.77 mi^2 (20.12 km^2).

PERIOD OF RECORD.--October 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

AVERAGE DISCHARGE.--12 years, 21.4 ft^3/s (0.606 m^3/s), 37.40 in/yr (950 mm/yr).

EXTREMES.--Current year: Maximum discharge, 315 ft^3/s (8.92 m^3/s) Oct. 17 (gage height, 61.36 ft or 18.703 m); minimum, 14 ft^3/s (0.396 m^3/s) Sept. 22, minimum gage height, 57.39 ft (17.492 m) Sept. 22.

Period of record: Maximum discharge, 588 ft^3/s (16.6 m^3/s) July 31, 1975 (gage height, 62.88 ft or 19.166 m); minimum, 6.3 ft^3/s (0.178 m^3/s) July 31, Aug. 4, 10, 17, 1968; minimum gage height, 56.33 ft (17.169 m) Oct. 9, 10, 14, 16, 1972.

REMARKS.--Records fair, except those for periods of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	36	73	33	32	34	37	42	25	24	19	17
2	54	35	39	32	29	33	30	34	45	21	24	16
3	44	34	35	36	28	31	26	31	37	22	19	16
4	42	34	34	32	27	30	26	28	31	21	18	17
5	90	34	34	31	27	28	26	26	28	21	18	19
6	68	34	34	31	30	27	26	24	26	27	20	21
7	83	36	36	38	25	26	24	23	24	23	20	29
8	63	34	34	39	24	25	22	22	25	21	18	24
9	50	35	33	31	23	58	21	33	24	20	17	21
10	46	37	32	31	23	41	21	29	24	21	16	18
11	43	38	32	31	23	34	21	27	24	24	16	17
12	39	148	32	31	23	32	22	25	23	20	16	16
13	40	56	31	30	24	30	25	26	22	20	16	16
14	40	40	31	30	25	28	30	90	22	20	16	16
15	39	37	31	29	27	27	25	67	22	19	16	15
16	55	36	32	30	29	35	22	55	21	18	22	15
17	172	35	40	29	27	64	47	47	21	21	23	15
18	61	34	33	29	26	47	32	41	21	23	17	15
19	50	34	31	29	28	40	25	37	27	19	16	15
20	46	34	31	29	45	36	24	34	26	18	16	15
21	44	35	31	29	94	32	31	32	22	18	16	15
22	43	33	30	28	64	29	28	30	21	18	16	15
23	42	33	30	28	53	28	27	28	22	18	15	15
24	41	32	30	28	46	27	28	56	22	18	15	16
25	40	32	61	28	41	26	50	42	21	18	17	15
26	40	35	47	63	39	24	36	35	21	18	30	18
27	39	106	33	45	38	45	30	30	23	21	29	23
28	39	40	32	31	37	110	27	45	24	24	22	19
29	38	36	50	30	36	82	25	37	37	20	19	18
30	38	35	52	28	---	45	25	32	26	19	17	16
31	37	---	39	28	---	32	---	28	---	18	17	---
TOTAL	1637	1258	1143	997	993	1186	839	1136	757	633	576	523
MEAN	52.8	41.9	36.8	32.1	34.2	38.2	27.9	36.6	25.2	20.4	18.5	17.4
MAX	172	148	73	63	94	110	50	90	45	27	30	29
MIN	37	32	30	28	23	24	21	22	21	18	15	15
CFSM	6.77	5.38	4.73	4.12	4.39	4.90	3.59	4.70	3.24	2.62	2.38	2.24
IN.	7.81	6.00	5.45	4.75	4.74	5.66	4.00	5.42	3.61	3.02	2.75	2.49

CAL YR 1975 TOTAL 12977 MEAN 35.5 MAX 328 MIN 13 CFSM 4.56 IN 61.88

WTR YR 1976 TOTAL 11678 MEAN 31.9 MAX 172 MIN 15 CFSM 4.09 IN 55.69

PEAK DISCHARGE (BASE, 180 ft^3/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-5	1515	60.68	182	11-12	1215	61.15	277
10-17	0500	61.36	315	11-27	0245	60.78	210

Note.--No gage-height record Feb. 7 to Mar. 31 and Apr. 25 to June 7.

YELLOW RIVER BASIN

02368500 Shoal River near Mossy Head, Fla.

LOCATION.--Lat 30°47'45", long 86°18'25", in SW¼ sec.36, T.4 N., R.21 W., Walton County, Hydrologic Unit 03140103, near center span on downstream side of bridge on State Highway 285, about 200 ft (61 m) downstream from Machine Branch, 3.9 mi (6.3 km) north of Mossy Head, and 34 mi (55 km) upstream from mouth.

DRAINAGE AREA.--123 mi² (319 km²).

PERIOD OF RECORD.--March 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 105.59 ft (32.184 m) above mean sea level. Prior to July 24, 1956, at site 300 ft (91 m) north at same datum.

AVERAGE DISCHARGE.--25 years, 237 ft³/s (6.712 m³/s), 26.17 in/yr (665 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,590 ft³/s (73.3 m³/s) Oct. 18 (gage height, 14.52 ft or 4.426 m, estimated); minimum, 88 ft³/s (2.49 m³/s) Aug. 24, 25; minimum gage height, 5.25 ft (1.600 m) Sept. 23, 24.
Period of record: Maximum discharge, 10,500 ft³/s (297 m³/s), Apr. 27, 1964 (gage height, 23.64 ft or 7.205 m), from rating curve extended above 4,500 ft³/s (127 m³/s); minimum, 39 ft³/s (1.10 m³/s) Oct. 22, 23, 1972; minimum gage height, 3.13 ft (0.954 m) Aug. 30, Sept. 9, 1951.

REMARKS.--Records good, except those for periods of missing record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	891	524	840	323	305	196	330	1310	253	276	136	110
2	949	505	1130	279	298	191	280	774	788	229	182	103
3	898	493	683	268	275	189	252	356	764	188	508	100
4	820	479	524	298	261	186	238	263	917	198	209	102
5	1080	470	396	279	252	182	228	216	668	217	164	124
6	1270	505	307	254	255	180	221	196	488	238	162	147
7	1440	563	291	270	255	182	214	229	359	258	179	226
8	1280	642	296	429	239	183	206	547	304	248	150	212
9	1110	722	282	357	229	321	197	304	276	233	138	147
10	987	810	272	289	223	287	189	232	258	217	130	128
11	870	909	267	265	220	231	185	210	242	229	123	120
12	771	1030	261	259	215	204	181	200	228	203	119	115
13	731	1170	255	254	213	235	183	191	219	188	119	111
14	692	810	250	249	209	243	220	414	210	168	114	109
15	642	573	243	242	205	227	199	1000	203	159	115	108
16	987	396	267	235	203	351	185	604	197	152	120	106
17	1550	315	296	231	200	340	176	357	188	151	143	105
18	2440	296	347	223	200	267	170	282	208	149	134	103
19	1790	287	276	217	205	234	166	239	238	144	112	103
20	1280	276	243	213	197	222	162	220	282	141	103	102
21	891	271	229	212	195	229	159	208	248	139	100	101
22	790	263	225	208	627	233	156	330	222	134	96	100
23	750	255	222	205	565	220	154	452	198	144	93	98
24	710	248	221	204	311	207	151	522	238	159	91	99
25	672	239	248	204	250	198	186	396	272	149	90	107
26	642	347	337	445	225	217	205	287	243	139	112	128
27	623	683	290	967	215	661	177	259	217	132	154	239
28	602	1160	254	852	207	1200	159	549	248	137	150	252
29	583	840	279	471	201	606	153	510	296	134	125	199
30	563	593	324	351	---	378	357	345	332	139	107	186
31	543	---	383	303	---	333	---	275	---	136	103	---
TOTAL	29847	16674	10738	9856	7455	9133	6039	12277	9804	5528	4381	3990
MEAN	963	556	346	318	257	295	201	396	327	178	141	133
MAX	2440	1170	1130	967	627	1200	357	1310	917	276	508	252
MIN	543	239	221	204	195	180	151	191	188	132	90	98
CFSM	7.83	4.52	2.81	2.59	2.09	2.40	1.63	3.22	2.66	1.45	1.15	1.08
IN.	9.03	5.04	3.25	2.98	2.25	2.76	1.83	3.71	2.97	1.67	1.32	1.21

CAL YR 1975 TOTAL 164637 MEAN 451 MAX 8250 MIN 118 CFSM 3.67 IN 49.79
WTR YR 1976 TOTAL 125722 MEAN 344 MAX 2440 MIN 90 CFSM 2.80 IN 38.02

PEAK DISCHARGE (BASE, 1,200 ft³/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-7	Unknown	^{b}12.10	^{a}1,590	12-2	Unknown	^{b}11.15	^{a}1,270
10-18	Unknown	^{b}14.50	^{a}2,590	3-28	0100	11.14	1,270
11-13	Unknown	^{b}11.25	^{a}1,310	5-1	0900	11.63	1,430
11-28	Unknown	^{b}11.25	^{a}1,300				

a About
b Computed based on estimated discharge

Note.--No gage-height record Oct. 1 to Dec. 21 and June 17 to July 26.

YELLOW RIVER BASIN

02369000 Shoal River near Crestview, Fla.

LOCATION.--Lat 30°41'50", long 86°34'15", in SW¼ sec.5, T.2 N., R.23 W., Okloosa County, Hydrologic Unit 03140103, near center of bridge on downstream side of downstream bridge on State Highway 85, 3.5 mi (5.6 km) downstream from Titi Creek, 4.2 mi (6.8 km) south of Crestview, and 7 mi (11 km) upstream from mouth.

DRAINAGE AREA.--474 mi^2 (1,228 km^2).

PERIOD OF RECORD.--July 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 47.21 ft (14.390 m) above mean sea level. Prior to Feb. 12, 1939 and June 12, 1972 to Aug. 22, 1973, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--38 years, 1,084 ft^3/s (30.70 m^3/s), 31.06 in/yr (789 mm/yr).

EXTREMES.--Current year: Maximum discharge, 9,910 ft^3/s (281 m^3/s) Oct. 19 (gage height, 10.33 or 3.149 m); minimum 597 ft^3/s (16.9 m^3/s) Sept. 23 (gage height, 3.45 ft or 1.052 m).
Period of record: Maximum discharge, 25,200 ft^3/s (714 m^3/s) Aug. 1, 1975 (gage height, 15.58 ft or 4.749 m); minimum, 240 ft^3/s (6.80 m^3/s) Oct. 17, 18, 1972; minimum gage height, 0.96 ft (.293 m) May 13, 14, 1955.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1274: 1939-40, 1944, 1947, 1950. WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2460	1950	2100	1960	1530	1060	1620	2290	1470	1680	764	934
2	2730	1900	2550	1830	1600	1040	1710	2830	1690	1250	865	893
3	2870	1870	2620	1630	1560	1020	1540	2620	2500	1050	1240	795
4	2590	1850	2260	1620	1410	1020	1250	1690	3110	970	1890	749
5	2440	1820	1930	1590	1300	1000	1100	1120	3920	995	1240	850
6	3090	1800	1760	1480	1260	988	1070	1020	3760	1080	1090	1030
7	3940	1840	1690	1400	1320	979	1050	1000	2810	1200	1100	1210
8	4300	2010	1690	1650	1290	998	1030	1440	2160	1300	1020	1500
9	3900	2090	1700	1980	1170	1180	995	2000	1830	1320	845	1410
10	3510	2230	1640	1870	1100	1610	957	1690	1610	1190	759	1030
11	2800	2360	1550	1610	1090	1510	929	1150	1440	1080	713	888
12	2390	2420	1480	1470	1070	1130	911	1040	1310	1140	693	803
13	2240	2650	1440	1410	1070	1050	903	995	1190	1120	679	754
14	2160	2700	1410	1360	1060	1120	1250	1640	1110	1040	730	718
15	2110	2450	1380	1330	1050	1140	1380	3390	1080	993	751	697
16	2140	2100	1360	1270	1030	1110	1080	4160	1040	883	718	675
17	3890	1920	1400	1210	1030	1590	982	3870	1000	833	921	654
18	7050	1830	1680	1170	1020	1640	913	2410	977	828	1080	643
19	9160	1750	1700	1110	1040	1250	873	1690	984	830	977	637
20	5520	1700	1520	1100	1060	1080	843	1370	1300	786	754	626
21	3470	1690	1370	1090	1030	1050	820	1170	1450	759	688	617
22	2790	1690	1310	1080	1440	1100	800	1240	1180	734	661	628
23	2590	1640	1260	1070	2540	1150	778	1880	1020	711	643	606
24	2480	1580	1230	1060	3190	1080	756	2410	982	732	628	617
25	2390	1540	1290	1060	2170	1020	850	2590	1160	891	634	630
26	2310	1520	1750	1430	1500	1030	1220	2310	1390	808	995	659
27	2250	1880	2010	2420	1290	1590	1210	1710	1290	727	1380	855
28	2220	2610	1780	2810	1150	2570	979	1980	1080	737	1420	1080
29	2160	2700	1580	2680	1090	3090	840	2520	1210	727	1310	1090
30	2090	2220	1820	2050	---	2770	1010	2360	1560	730	1070	1040
31	2020	---	1960	1670	---	1880	---	1840	---	725	883	---
TOTAL	98060	60310	52220	48470	39460	41845	31649	61425	48613	29849	29141	25318
MEAN	3163	2010	1685	1564	1361	1350	1055	1981	1620	963	940	844
MAX	9160	2700	2620	2810	3190	3090	1710	4160	3920	1680	1890	1500
MIN	2020	1520	1230	1060	1020	979	756	995	977	711	628	606
CFSM	6.67	4.24	3.55	3.30	2.87	2.85	2.23	4.18	3.42	2.03	1.98	1.78
IN.	7.70	4.73	4.10	3.80	3.10	3.28	2.48	4.82	3.82	2.34	2.29	1.99

CAL YR 1975 TOTAL 755569 MEAN 2070 MAX 21700 MIN 569 CFSM 4.37 IN 59.30
WTR YR 1976 TOTAL 566360 MEAN 1547 MAX 9160 MIN 606 CFSM 3.26 IN 44.45

PEAK DISCHARGE (BASE, 3,500 ft^3/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-7	2400	8.34	4,410	5-16	2100	8.20	4,450
10-19	0400	10.33	9,910	6-5	1500	7.95	4,220

BLACKWATER RIVER BASIN

02370000 Blackwater River near Baker, Fla.

LOCATION.--Lat 30°50'00", long 86°44'05", in SW¼ sec.22, T.4 N., R.25 W., Okaloosa County, Hydrologic Unit 03140104, near right bank on downstream side of bridge on State Highway 4, 0.3 mi (0.5 km) downstream from Red Wash Branch, 3.8 mi (6.1 km) northwest of Baker, and 35 mi (56 km) upstream from mouth.

DRAINAGE AREA.--205 mi² (531 km²).

PERIOD OF RECORD.--March 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 60.5 ft (18.44 m) above mean sea level (from design elevation of bridge curb furnished by Florida Department of Transportation).

AVERAGE DISCHARGE.--26 years, 331 ft³/s (9.374 m³/s), 21.93, in/yr (557 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,870 ft³/s (110 m³/s) Nov. 13 (gage height, 13.03 ft or 3.971 m); minimum, 119 ft³/s (3.37 m³/s) Sept. 23 (gage height, 2.53 ft or 0.771m).

Period of record: Maximum discharge, 26,200 ft³/s (742 m³/s) June 4, 1970 (gage height, 25.61 ft or 7.806 m); minimum, 60 ft³/s (1.70 m³/s) Sept. 7, 8, 1954; minimum gage height, 2.25 ft (0.686 m) Oct. 17-19, 22-23, 1972.

REMARKS.--Records good, except those for period of no gage height record, which are poor.

REVISIONS (WATER YEARS).--WSP 1704: 1950(M), 1951-52.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	785	350	1060	721	580	460	946	332	363	472	243	161
2	973	336	1520	598	500	380	745	284	479	352	213	242
3	811	328	1170	516	500	350	554	233	639	274	324	173
4	644	321	821	465	495	325	455	206	758	233	387	222
5	975	314	647	429	445	310	398	192	920	220	246	546
6	1580	309	563	408	420	300	364	184	724	231	204	471
7	1400	320	526	629	420	300	341	186	534	247	199	386
8	1770	349	526	1580	420	340	320	222	411	258	183	372
9	1470	409	505	1010	400	430	298	270	336	219	160	311
10	1110	448	470	724	380	515	277	237	290	195	146	249
11	837	570	440	598	365	470	265	215	262	245	138	211
12	686	1680	416	531	350	420	256	203	244	254	134	185
13	591	3640	399	493	340	320	262	205	228	202	131	166
14	525	3290	387	465	330	300	826	430	216	283	128	153
15	480	2040	375	441	340	290	614	1730	205	247	128	144
16	465	1110	366	417	340	330	450	2070	195	187	137	137
17	2210	830	398	403	330	490	354	1300	188	179	195	130
18	2650	687	489	382	330	520	307	698	183	174	176	126
19	2250	596	444	365	400	450	275	494	196	159	147	125
20	1280	539	395	356	520	400	254	388	354	151	132	123
21	876	522	368	350	700	330	239	325	349	146	128	122
22	699	488	352	341	860	340	228	325	251	141	127	122
23	602	449	342	332	1160	340	218	656	216	141	127	119
24	538	426	333	330	1500	300	209	1100	220	202	127	119
25	491	408	395	325	1700	280	282	904	210	263	126	125
26	459	397	914	1130	1450	350	388	584	370	194	140	134
27	441	1170	760	1800	850	480	291	454	300	160	180	145
28	427	1180	594	1500	580	660	240	793	255	148	217	162
29	407	825	564	954	550	895	217	804	764	164	370	239
30	386	641	833	750	---	1200	227	577	840	266	224	258
31	365	---	818	660	---	1050	---	436	---	279	170	---
TOTAL	29183	24972	18190	20003	17555	13925	11100	17037	11500	6886	5687	6178
MEAN	941	832	587	645	605	449	370	550	383	222	183	206
MAX	2650	3640	1520	1800	1700	1200	946	2070	920	472	387	546
MIN	365	309	333	325	330	280	209	184	183	141	126	119
CFSM	4.59	4.06	2.86	3.15	2.95	2.19	1.80	2.68	1.87	1.08	.89	1.00
IN.	5.30	4.53	3.30	3.63	3.19	2.53	2.01	3.09	2.09	1.25	1.03	1.12

CAL YR 1975 TOTAL 325468 MEAN 892 MAX 14800 MIN 148 CFSM 4.35 IN 59.06
WTR YR 1976 TOTAL 182216 MEAN 498 MAX 3640 MIN 119 CFSM 2.43 IN 33.07

PEAK DISCHARGE (BASE, 1,500 ft³/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-8	0300	8.97	2,090	1-8	0700	8.18	1,770
10-17	1900	11.16	2,970	1-26	2300	8.58	1,930
11-13	0600	13.03	3,870	2-25	Unknown	[b]8.00	[a]1,700
12-2	0200	7.75	1,600				

a About
b Computed based on estimated discharge

Note.--No gage-height record Jan. 31 to Mar. 31.

BLACKWATER RIVER BASIN

02370500 Big Coldwater Creek near Milton, Fla.

LOCATION.--Lat 30°42'30", long 86°58'20", in SW¼ sec.5, T.2 N., R.27 W., Santa Rosa County, Hydrologic Unit 03140104, at right bank on downstream side of bridge on State Highway 191, 3 mi (5 km) upstream from mouth, and 6.5 mi (10.5 km) northeast of Milton.

DRAINAGE AREA.--237 mi² (614 km²).

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1956, published as Coldwater Creek near Milton. October 1956 to September 1957, published as Big Coldwater River near Milton.

GAGE.--Water-stage recorder. Datum of gage is 9.10 ft (2.774 m) above mean sea level. Prior to Dec. 2, 1938, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--38 years, 532 ft³/s (15.07 m³/s), 30.48 in/yr (774 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,620 ft³/s, estimated (159 m³/s) probably occurred Nov. 13 (gage height, 10.24 ft or 3.121 m, computed); minimum, 313 ft³/s (8.86 m³/s) Aug. 24 (gage height, 3.24 ft or 0.988 m).

Period of record: Maximum discharge, 32,000 ft³/s (906 m³/s) June 4, 1970 (gage height, 21.41 ft or 6.526 m, from floodmark); minimum, 156 ft³/s (4.42 m³/s) June 10, 11, 1956; minimum gage height, 0.94 ft (0.287 m) Dec. 11, 1938.

REMARKS.--Records poor.

REVISIONS (WATER YEARS).--WSP 892: 1939. WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	842	530	1020	1100	603	698	775	822	1040	582	760	355
2	729	510	2360	913	660	603	645	752	1260	603	623	423
3	1100	495	1810	791	720	530	545	689	1580	631	520	415
4	1290	480	1250	680	814	480	522	651	1960	651	418	418
5	1550	465	997	651	669	465	470	623	1480	639	408	628
6	2440	465	850	623	636	467	452	603	1060	593	382	701
7	2170	480	806	969	636	500	574	639	798	582	375	666
8	2730	530	806	2440	636	490	495	870	631	560	382	830
9	1170	623	775	1570	609	764	423	791	609	540	353	954
10	997	680	714	1100	576	826	392	720	606	560	334	645
11	822	866	666	913	550	601	487	674	568	720	326	502
12	732	2600	636	806	530	530	418	654	540	550	326	440
13	677	5630	609	745	510	520	425	698	517	470	334	403
14	645	5070	593	698	500	507	397	1100	495	455	346	377
15	617	3160	576	666	515	525	507	2200	482	420	365	363
16	895	1720	560	636	505	584	457	3200	467	395	358	353
17	3440	1260	609	609	495	639	413	2500	457	385	375	343
18	4090	1060	745	576	500	563	623	1900	450	380	380	341
19	3470	913	666	545	500	512	2370	1440	480	385	341	336
20	1980	822	609	545	791	497	1470	1130	566	425	324	329
21	1330	791	560	530	1080	530	842	878	540	623	319	329
22	1080	745	530	510	1300	663	922	1150	698	500	319	331
23	913	680	510	495	1800	628	1080	2280	1010	435	319	324
24	822	651	495	495	2320	558	973	1750	698	380	315	329
25	740	623	609	899	2640	550	2020	936	698	400	370	341
26	698	609	1380	2400	2250	787	2340	1300	1240	530	542	341
27	666	1810	1160	1780	1100	1790	1740	1940	2150	700	680	360
28	651	1830	895	1280	936	2180	1300	1710	1100	631	532	377
29	623	1260	850	899	834	1370	1060	1220	830	571	430	363
30	593	983	1260	698	---	878	922	904	660	760	385	346
31	560	---	1250	623	---	795	---	741	---	1030	367	---
TOTAL	41062	38341	27156	28185	26215	22030	26059	37465	25670	17086	12608	13263
MEAN	1325	1278	876	909	904	711	869	1209	856	551	407	442
MAX	4090	5630	2360	2440	2640	2180	2370	3200	2150	1030	760	954
MIN	560	465	495	495	495	465	392	603	450	380	315	324
CFSM	5.59	5.39	3.70	3.84	3.81	3.00	3.67	5.10	3.61	2.32	1.72	1.86
IN.	6.45	6.02	4.26	4.42	4.11	3.46	4.09	5.88	4.03	2.68	1.98	2.08

CAL YR 1975 TOTAL 379062 MEAN 1039 MAX 26500 MIN 290 CFSM 4.38 IN 59.50
WTR YR 1976 TOTAL 315140 MEAN 861 MAX 5630 MIN 315 CFSM 3.63 IN 49.46

PEAK DISCHARGE (BASE, 2,700 ft³/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-8	Unknown	[b]8.04	[a]2,740	4-19	2000	9.06	3,870
10-18	Unknown	[b]9.22	[a]4,090	4-26	0400	8.53	3,240
11-13	Unknown	[b]10.24	[a]5,620	5-16	Unknown	[b]8.50	[a]3,200

[a] About
[b] Computed based on estimated discharge

Note.--No gage-height record Oct. 6 to Mar. 5; Apr. 28 to June 8; June 22 to Aug. 3.

BLACKWATER RIVER BASIN

02370700 Pond Creek near Milton, Fla.

LOCATION.--Lat 30°40'50", long 87°07'55", in SE¼ sec.15, T.2 N., R.29 W., Santa Rosa County, Hydrologic Unit 03140104, near center of span on downstream side of bridge on State Highway 191, 0.6 mi (1.0 km) downstream from Reader Creek, 6.4 mi (10.3 km) northwest of Milton, and 10 mi (16 km) upstream from mouth.

DRAINAGE AREA.--58.7 mi² (152.0 km²).

PERIOD OF RECORD.--January 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 47.45 ft (14.463 m) above mean sea level.

AVERAGE DISCHARGE.--18 years, 76.5 ft³/s (2.166 m³/s), 17.69 in/yr (449 mm).

EXTREMES.--Current year: Maximum discharge, 550 ft³/s (15.6 m³/s) Sept. 8 (gage height, 7.38 ft or 2.249 m, from floodmark); minimum, 61 ft³/s (1.73 m³/s) Aug. 24, (gage height 3.31 ft 1.009 m).
Period of record: Maximum discharge, 4,580 ft³/s (130 m³/s) June 3, 1970 (gage height, 12.97 ft or 3.953 m); minimum, 26 ft³/s (0.74 m³/s) Sept. 9-16, 1968; minimum gage height, 2.31 ft (0.704 m) Oct. 19-24, 28, 29, Nov. 1-3, 1968.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	177	99	186	156	143	84	116	82	96	148	76	72
2	192	99	184	120	138	83	106	76	206	89	76	66
3	144	98	132	114	111	83	99	73	222	82	90	64
4	128	98	118	109	102	83	95	71	203	78	70	65
5	147	98	113	104	96	82	93	70	181	82	69	84
6	213	98	111	102	108	85	91	70	135	116	69	100
7	222	120	111	142	112	142	89	85	103	98	69	151
8	248	110	113	197	98	181	86	118	93	84	66	409
9	213	114	110	140	95	181	83	85	88	81	64	338
10	151	208	106	112	93	156	81	77	85	78	63	154
11	133	272	103	109	91	129	81	75	85	111	63	99
12	125	359	102	107	91	96	80	74	84	123	63	87
13	119	412	101	106	90	85	84	91	82	86	63	82
14	115	254	100	105	89	80	161	212	80	79	64	78
15	112	205	99	102	88	80	110	429	82	75	109	76
16	121	173	103	99	88	80	88	267	79	72	79	74
17	262	154	114	98	88	85	83	148	78	71	94	72
18	294	142	122	95	91	96	80	107	77	71	70	71
19	194	134	102	94	96	93	79	95	80	70	64	71
20	140	130	99	94	88	80	80	88	89	69	63	70
21	128	131	99	95	102	80	79	88	80	69	63	70
22	123	124	97	93	183	80	77	129	75	68	62	71
23	119	118	97	93	113	88	74	197	74	68	62	68
24	118	116	95	93	94	85	73	133	73	111	62	69
25	113	114	123	94	90	82	98	97	74	101	83	70
26	111	115	200	210	89	116	104	88	90	80	106	77
27	111	201	153	216	87	203	80	96	76	72	136	85
28	109	180	111	131	85	290	75	229	94	69	80	80
29	107	128	134	115	84	234	73	228	278	76	70	72
30	104	122	173	113	---	177	75	121	214	80	66	70
31	101	---	189	115	---	142	---	99	---	71	66	---
TOTAL	4694	4726	3800	3673	2923	3641	2673	3898	3356	2628	2300	3015
MEAN	151	158	123	118	101	117	89.1	126	112	84.8	74.2	101
MAX	294	412	200	216	183	290	161	429	278	148	136	409
MIN	101	98	95	93	84	80	73	70	73	68	62	64
CFSM	2.57	2.69	2.10	2.01	1.72	1.99	1.52	2.15	1.91	1.44	1.26	1.72
IN.	2.97	2.99	2.41	2.33	1.85	2.31	1.69	2.47	2.13	1.67	1.46	1.91

CAL YR 1975 TOTAL 44377 MEAN 122 MAX 1260 MIN 54 CFSM 2.08 IN 28.12
WTR YR 1976 TOTAL 41327 MEAN 113 MAX 429 MIN 62 CFSM 1.93 IN 26.19

PEAK DISCHARGE (BASE, 250 ft³/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-8	1200	6.15	251	5-15	0100	7.23	495
10-18	0200	6.73	349	6-29	0500	6.70	344
11-13	0100	7.30	520	9-8	1800	7.38	550
3-28	Unknown	[b]6.45	[a]290				

a About
b Computed based on estimated discharge

ESCAMBIA RIVER

02375500 Escambia River near Century, Fla.

LOCATION.--Lat 30°57'54", long 87°14'03", in NW¼ sec.10, T.5 N., R.30 W., Santa Rosa County, Hydrologic Unit 03140305, on left bank 16 ft (5 m) downstream from bridge on State Highway 4, 1.2 mi (1.9 km) downstream from Escambia Creek, 1.7 mi (2.7 km) east of Century, and 52 mi (83 km) upstream from mouth.

DRAINAGE AREA.--3,817 mi² (9,886 km²).

PERIOD OF RECORD.--October 1934 to current year.

GAGE.--Water-stage recorder. Datum of gage is 28.34 ft (8.638 m) above mean sea level (Florida State Road Department bench mark). Prior to Jan. 13, 1940, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--42 years, 6,259 ft³/s, (177.2 m³/s), 22.27 in/yr, (566 mm/yr).

EXTREMES.--Current year: Maximum discharge, 34,700 ft³/s (983 m³/s) Jan. 2 (gage height, 17.95 ft or 5.471 m); minimum, 1,460 ft³/s (41.3 m³/s) Sept. 20 (gage height, 3.45 ft or 1.052 m).

Period of record: Maximum discharge, 92,300 ft³/s (2.610 m³/s) Apr. 12, 1975 (gage height, 23.32 ft or 7.108 m); minimum, 578 ft³/s (16.4 m³/s) Oct. 23, 1968; minimum gage height, 1.30 ft (0.396 m) Sept. 15, Oct. 20, 21, 1954.

Maximum stage since 1850 (from information by Corps of Engineers, Mobile District), 37.8 ft (11.52 m), March 1929, present datum (discharge not determined), from information by local residents.

REMARKS.--Records good below 25,000 ft³/s and poor above. Some gage-height fluctuations during periods of low flow are attributed to regulation by power plants located at Point-A dam, located 85.4 mi (137.4 km) and Gantt Dam, located 90.1 mi (144.9 km) above the gaging station. See page for table of gage heights.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32200	5940	9490	32100	16500	7020	25400	6010	15700	3840	4870	1950
2	27500	5400	14500	33700	17200	6380	28600	5750	14500	3700	4530	2020
3	22200	5130	16300	28800	17100	6090	29500	5460	17800	3570	4370	2080
4	19300	5090	15200	24400	16300	5900	28200	5090	20300	3610	3810	2120
5	17800	5010	12800	23100	14600	5520	27500	4640	22900	3840	3560	2780
6	18000	4930	10300	23200	12600	4920	25900	4160	23300	3920	3310	3540
7	19100	5090	8540	22700	11700	5070	24000	3870	23600	3900	3040	3900
8	20600	5180	7950	20800	11200	5150	22200	4620	22900	3940	2500	4020
9	21500	5310	7870	18000	9740	5920	19300	6100	19900	4360	2330	3820
10	21300	9460	7580	16100	8920	6780	17100	6470	17600	5110	2190	3180
11	19800	12400	7040	14100	8320	6730	14800	5810	14700	5830	2110	2760
12	17700	14700	6590	12000	8000	6620	12600	4830	10400	5090	2230	2520
13	15600	19700	6300	10700	7510	6380	11800	4390	8220	4200	2310	2330
14	13800	21700	5990	9810	7160	6230	10800	7630	6780	3970	2140	2070
15	13200	21200	5530	9760	6850	6000	10400	20400	5910	3400	1940	1850
16	12800	18500	5280	9710	6460	6620	11700	29600	5380	3070	1970	1840
17	15500	15900	5320	9260	5950	7960	12500	31100	4930	2680	1960	1670
18	19600	13200	5500	8730	5860	9090	12200	28600	4630	2540	2080	1580
19	22300	10500	5520	8160	5760	9250	11100	26600	4500	2470	2140	1510
20	22200	8620	5510	7650	5720	9910	9640	26000	4570	2370	1940	1540
21	20400	7860	5190	7160	5590	11300	8490	25600	5250	2280	1890	1530
22	18700	7610	5260	6790	9590	12800	7240	24100	5810	2240	1770	1550
23	17100	7130	5220	6290	14500	12800	6430	22500	6550	2200	1740	1610
24	15800	6560	5110	5990	15400	10700	5810	21500	6540	2540	1690	1560
25	14100	6330	5120	5650	14400	8000	5310	24400	5960	2580	1740	1550
26	12100	6230	7180	8350	12800	7470	5210	25700	5110	2560	2010	1770
27	10100	6360	9460	15800	10500	8410	5310	23100	4680	2330	2180	1860
28	8150	7180	9340	20400	9100	12500	5500	21600	4440	2200	2120	1830
29	7250	6860	8990	22600	8110	17200	6170	20800	4230	2330	2250	1780
30	6840	6270	10400	21600	---	19300	6250	20000	3920	2800	2240	1770
31	6500	---	18600	17100	---	20800	---	18200	---	4240	2150	---
TOTAL	529040	201350	258980	480710	303440	274820	426960	484630	321010	103710	77110	65890
MEAN	17070	9378	8354	15510	10460	8865	14230	15630	10700	3345	2487	2196
MAX	32200	21700	18600	33700	17200	20800	29500	31100	23600	5830	4870	4020
MIN	6500	4930	5110	5650	5590	4920	5210	3870	3920	2200	1690	1510
CFSM	4.47	2.46	2.19	4.06	2.74	2.32	3.73	4.09	2.80	.88	.65	.58
IN.	5.16	2.74	2.52	4.68	2.96	2.68	4.16	4.72	3.13	1.01	.75	.64

CAL YR 1975 TOTAL 5044400 MEAN 13820 MAX 88500 MIN 3430 CFSM 3.62 IN 49.16
WTR YR 1976 TOTAL 3607650 MEAN 9857 MAX 33700 MIN 1510 CFSM 2.58 IN 35.16

ESCAMBIA RIVER

02375500 Escambia River near Century, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.59	9.83	12.33	17.69	15.10	10.83	16.88	9.88	14.91	7.27	8.59	4.39
2	17.20	9.22	14.51	17.85	15.35	10.25	17.31	9.60	14.51	7.07	8.17	4.51
3	16.52	8.91	15.08	17.36	15.34	9.96	17.42	9.28	15.54	6.90	7.97	4.62
4	15.95	8.87	14.74	16.87	15.10	9.77	17.25	8.86	16.10	6.95	7.24	4.68
5	15.58	8.77	13.92	16.70	14.55	9.35	17.16	8.31	16.50	7.27	6.88	5.74
6	15.61	8.66	12.87	16.71	13.82	8.66	16.94	7.69	16.57	7.38	6.52	6.85
7	15.90	8.87	11.89	16.63	13.46	8.83	16.68	7.31	16.62	7.36	6.13	7.36
8	16.22	8.97	11.53	16.27	13.25	8.93	16.40	8.27	16.50	7.41	5.31	7.51
9	16.40	9.12	11.48	15.62	12.55	9.78	15.92	9.97	16.01	7.95	5.03	7.24
10	16.35	12.33	11.27	15.03	12.11	10.64	15.33	10.34	15.47	8.87	4.79	6.33
11	16.05	13.79	10.86	14.37	11.76	10.59	14.60	9.65	14.56	9.70	4.66	5.71
12	15.55	14.56	10.49	13.65	11.54	10.49	13.83	8.54	12.85	8.84	4.87	5.34
13	14.88	16.02	10.20	13.06	11.19	10.25	13.50	7.99	11.68	7.75	4.99	5.03
14	14.27	16.44	9.87	12.61	10.94	10.10	13.10	10.71	10.60	7.44	4.71	4.59
15	14.07	16.34	9.37	12.58	10.70	9.87	12.90	15.97	9.78	6.65	4.37	4.22
16	13.93	15.75	9.09	12.55	10.33	10.47	13.45	17.43	9.19	6.17	4.43	4.20
17	14.84	14.98	9.13	12.31	9.82	11.51	13.76	17.61	8.66	5.59	4.41	3.89
18	16.01	14.05	9.34	12.01	9.73	12.20	13.66	17.30	8.29	5.38	4.62	3.70
19	16.55	12.97	9.35	11.67	9.62	12.29	13.20	17.04	8.13	5.26	4.71	3.56
20	16.53	11.94	9.35	11.32	9.57	12.64	12.50	16.96	8.21	5.09	4.37	3.62
21	16.19	11.47	8.98	10.97	9.43	13.30	11.87	16.91	9.04	4.94	4.29	3.59
22	15.81	11.29	9.06	10.65	12.30	13.90	11.00	16.69	9.67	4.88	4.08	3.65
23	15.37	10.94	9.02	10.20	14.50	13.89	10.30	16.44	10.41	4.80	4.01	3.75
24	14.93	10.45	8.89	9.87	14.82	13.01	9.67	16.29	10.40	5.38	3.93	3.67
25	14.37	10.23	8.89	9.73	14.47	11.53	9.11	16.72	9.82	5.44	4.03	3.64
26	13.69	10.14	10.90	11.54	13.91	11.16	9.00	16.92	8.88	5.41	4.48	4.08
27	12.74	10.26	12.42	14.92	12.94	11.79	9.11	16.53	8.36	5.03	4.79	4.23
28	11.65	10.97	12.36	16.18	12.21	13.76	9.33	16.30	8.05	4.82	4.68	4.18
29	11.03	10.71	12.16	16.62	11.61	15.34	10.04	16.17	7.79	5.02	4.89	4.10
30	10.70	10.17	12.91	16.41	---	15.92	10.12	16.04	7.38	5.77	4.87	4.08
31	10.40	---	15.49	15.12	---	16.17	---	15.65	---	7.79	4.72	---
MEAN	14.93	11.57	11.22	14.03	12.48	11.52	13.38	13.21	11.68	6.50	5.21	4.74
MAX	17.59	16.44	15.49	17.85	15.35	16.17	17.42	17.61	16.62	9.70	8.59	7.51
MIN	10.40	8.66	8.89	9.73	9.43	8.66	9.00	7.31	7.38	4.80	3.93	3.56

CAL YR 1975 MEAN 12.54 MAX 22.99 MIN 6.71
WTR YR 1976 MEAN 10.87 MAX 17.85 MIN 3.56

ESCAMBIA RIVER BASIN

02376000 Pine Barren Creek near Barth, Fla.

LOCATION.--Lat 30°47'55", long 87°22'05", in SW¼ sec.5, T.3 N., R.31 W., Escambia County, Hydrologic Unit 03140305, near right bank 10 ft (3 m) downstream from Wiggins bridge on private road, 0.3 mi (0.5 km) upstream from Blue Water Creek, 4.0 mi (6.4 km) northwest of Barth, and 7.3 mi (11.7 km) upstream from mouth.

DRAINAGE AREA.--75.3 mi^2 (195.0 km^2).

PERIOD OF RECORD.--October 1952 to current year.

GAGE.--Water-stage recorder. Datum of gage is 29.86 ft (9.101 m) above mean sea level.

AVERAGE DISCHARGE.--24 years, 149 ft^3/s (4.220 m^3/s), 26.87 in/yr (682 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,060 ft^3/s (115 m^3/s) Dec. 31 (gage height, 13.58 ft or 4.139 m); minimum, 92 ft^3/s (2.60 m^3/s), Aug. 12-14, Sept. 23, 24, 30 (gage height, 3.79 ft or 1.155 m).

Period of record: Maximum discharge, 24,000 ft^3/s (680 m^3/s), Apr. 14, 1955 (gage height, 18.0 ft or 5.49 m), from floodmark, from rating curve extended above 2,100 ft^3/s (59.5 m^3/s) on basis of a slope-area measurement of peak flow; minimum, 51 ft^3/s (1.44 m^3/s), June 8, 9, 1956; minimum gage height, 3.13 ft (0.954 m) Sept. 3, 4, 1956, Oct. 20, 21, 1968.

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	276	147	406	1250	240	140	260	123	128	309	155	108
2	365	147	412	462	240	139	203	115	223	157	117	105
3	235	147	233	262	183	140	158	111	255	131	107	99
4	184	147	192	216	169	140	148	109	618	124	104	166
5	197	148	181	195	164	138	144	108	619	122	103	325
6	251	153	177	187	183	138	141	109	348	138	105	254
7	271	204	180	198	189	139	138	164	175	187	105	172
8	272	182	179	270	168	166	134	350	142	151	100	653
9	197	625	174	239	160	255	131	193	131	133	97	210
10	176	1580	168	194	157	171	127	131	124	121	95	138
11	167	644	166	185	155	147	127	125	121	115	94	118
12	161	873	165	184	154	142	127	123	117	112	95	109
13	157	619	163	182	155	144	127	126	121	179	94	104
14	154	320	162	179	152	141	293	660	115	162	98	101
15	152	234	162	172	150	158	200	863	112	127	122	99
16	275	214	164	168	150	163	140	474	110	115	116	97
17	849	204	181	167	151	155	131	181	109	107	207	96
18	469	195	180	164	157	139	126	141	109	104	141	95
19	234	191	164	163	163	135	124	126	109	111	104	96
20	189	190	159	163	149	136	122	120	126	106	98	95
21	176	197	158	163	160	158	120	118	118	103	96	95
22	169	184	157	161	290	163	119	167	110	103	97	97
23	167	179	156	161	332	154	116	341	107	101	97	93
24	170	177	154	161	170	138	114	272	107	99	95	94
25	164	176	210	162	154	165	127	154	114	109	104	96
26	160	181	298	453	149	293	137	128	360	229	113	97
27	163	259	190	400	146	877	120	139	161	175	129	96
28	161	201	167	209	143	608	115	513	203	114	109	98
29	157	180	236	182	140	228	113	436	200	105	105	97
30	153	185	342	173	---	182	114	211	664	146	100	95
31	149	---	1480	167	---	199	---	137	---	190	99	---
TOTAL	7020	9083	7516	7592	5073	6191	4296	7068	6056	4285	3401	4198
MEAN	226	303	242	245	175	200	143	228	202	138	110	140
MAX	849	1580	1480	1250	332	877	293	863	664	309	207	653
MIN	149	147	154	161	140	135	113	108	107	99	94	93
CFSM	3.00	4.02	3.21	3.25	2.32	2.66	1.90	3.03	2.68	1.83	1.46	1.86
IN.	3.47	4.49	3.71	3.75	2.51	3.06	2.12	3.49	2.99	2.12	1.68	2.07

CAL YR 1975 TOTAL 96280 MEAN 264 MAX 6550 MIN 99 CFSM 3.51 IN 47.56
WTR YR 1976 TOTAL 71779 MEAN 196 MAX 1580 MIN 93 CFSM 2.60 IN 35.46

PEAK DISCHARGE (BASE, 700 ft^3/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
10-17	1100	10.28	972	5-15	1200	10.41	1,000
11-10	0100	13.27	3,470	6-4	2300	9.77	885
11-12	1200	11.16	1,290	6-30	1400	10.94	1,170
12-31	2000	13.58	4,060	9-8	0600	10.89	1,150
3-27	1900	11.10	1,250				

PERDIDO BAY, INFLOW AND COASTAL AREA

02376079 Carpenter Creek at Pensacola, Fla.

LOCATION.--Lat 30°28'15", long 87°12'48", in land grant 50, T.1 S., R.30 W., Escambia County, Hydrologic Unit 03140107, at culvert on State Highway S-289, 0.9 mi (1.4 km) upstream from mouth at Bayou Texan, Pensacola.

DRAINAGE AREA.--6.02 mi^2 (15.59 km^2)

GAGE.--Water-stage recorder and crest-stage. Datum of gage is 3.11 ft (0.948 m) above mean sea level.

PERIOD OF RECORD.--Discharge measurements: 1971, 1973 (two to six discharge measurements made each water year) November 1973 to current year (discharge measurements and crest-stage partial records).
Temperature observations: October 1975 to September 1976. See REMARKS.

EXTREMES.--Period of record: Discharge (1971-76): Maximum discharge measured, 136 ft^3/s (2.38 m^3/s) Sept. 23, 1975 (gage height, 7.51 ft or 2.289 m); minimum measured, 8.1 ft^3/s (0.23 m^3/s) Oct. 3, 1974 (gage height, 5.68 ft or 1.731 m).
Maximum discharge, 1,420 ft^3/s (40.2 m^3/s) Oct. 1, 1973 (gage height, 11.81 ft or 3.600 m).
Water temperatures (1975-76): Maximum temperatures observed, 22.5°C Oct. 12, 1975; minimum observed, 14.0°C Dec. 19, 1975.

REMARKS.--Results of miscellaneous temperatures observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURES, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT.			MAR.		
12	15	22.5	5	16	--
DEC.			APR.		
19	15	14.0	3	15	21.5
FEB.			JUNE		
1	29	15.0	9	14	--
FEB.			AUG.		
1	13	15.0	3	15	--

PERDIDO RIVER BASIN

02376300 Brushy Creek near Walnut Hill, Fla.

LOCATION.--Lat 30°53'21", long 87°32'24", in SE¼ sec.4, T.4 N., R.33 W., Escambia County, Hydrologic Unit 03140106, near right bank on downstream side of county road bridge, 1,000 ft (305 m) downstream from Rocky Creek, 2 mi (3 km) west of Walnut Hill, and 7.9 mi (12.7 km) upstream from mouth.

DRAINAGE AREA.--49 mi² (127 km²), approximately.

PERIOD OF RECORD.--January 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 118.32 ft (36.064 m) above mean sea level.

AVERAGE DISCHARGE.--18 years, 103 ft³/s, (2.917 m³/s), 28.55 in/yr, (725 mm/yr).

EXTREMES.--Current year: Maximum discharge, 855 ft³/s (24.2 m³/s), Nov. 10 (gage height, 8.20 ft or 2.500 m); minimum, 62 ft³/s (1.76 m³/s) Sept. 23, (gage height, 2.80 ft or 0.853 m).
Period of record: Maximum discharge, 9,680 ft³/s (274 m³/s) Mar. 31, 1962 (gage height, 14.96 ft or 4.560 m); minimum, 36 ft³/s (1.02 m³/s) Sept. 9-16, 1968; minimum gage height, 2.47 ft (.753 m) Oct. 10-11, 15-17, 1972.

REMARKS.--Records good, except those for periods of no gage-height record, which are poor.

REVISIONS (WATER YEARS).--WSP: 1958-60(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	175	93	170	350	176	91	440	88	94	210	150	72
2	240	92	170	170	182	91	141	80	200	120	120	70
3	160	92	115	115	116	91	110	75	300	88	78	68
4	120	93	110	105	106	90	95	72	495	84	74	175
5	110	93	105	100	102	89	95	70	590	80	74	136
6	130	98	100	95	114	89	90	74	235	96	73	95
7	180	136	100	100	148	93	85	164	125	120	79	108
8	220	107	100	190	111	95	101	150	99	100	74	209
9	130	132	98	150	102	121	110	110	116	85	69	107
10	115	706	98	110	99	99	100	86	107	78	67	83
11	105	442	96	100	97	91	95	82	155	74	66	75
12	102	285	94	96	96	89	90	82	134	86	65	71
13	100	191	92	94	95	90	105	90	90	115	66	68
14	99	125	92	93	94	90	160	167	81	100	65	67
15	98	112	95	93	93	111	110	540	78	84	65	65
16	141	106	110	94	92	101	90	140	76	76	68	65
17	438	103	120	94	93	98	84	100	75	72	135	64
18	331	101	105	94	95	89	80	88	74	70	87	65
19	141	100	95	94	99	87	78	80	74	72	70	64
20	114	100	90	94	92	87	74	154	84	70	67	63
21	107	106	88	94	117	107	80	250	76	68	66	63
22	103	122	86	95	599	109	91	520	74	68	66	64
23	103	105	90	96	315	101	95	300	72	67	67	63
24	104	100	96	98	121	90	105	187	76	66	66	63
25	101	98	140	100	106	105	130	110	100	70	65	65
26	99	105	195	250	100	128	160	86	240	150	72	64
27	100	140	110	160	97	428	110	130	110	110	85	66
28	99	110	105	110	94	147	88	330	170	80	79	71
29	98	100	150	100	92	107	82	200	280	72	76	66
30	95	110	320	92	---	99	80	130	480	82	69	65
31	94	---	690	110	---	250	---	86	---	180	71	---
TOTAL	4352	4403	4225	3736	3943	3553	3354	4821	4960	2893	2394	2440
MEAN	140	147	136	121	133	115	112	156	165	93.3	77.2	81.3
MAX	438	706	690	350	599	428	440	540	590	210	150	209
MIN	94	92	86	92	92	87	74	70	72	66	65	63
CFSM	2.86	3.00	2.78	2.47	2.71	2.35	2.29	3.18	3.37	1.90	1.58	1.66
IN.	3.30	3.34	3.21	2.84	2.92	2.70	2.55	3.66	3.77	2.20	1.82	1.85

CAL YR 1975 TOTAL 60987 MEAN 167 MAX 2140 MIN 62 CFSM 3.41 IN 46.30
WTR YR 1976 TOTAL 44974 MEAN 123 MAX 706 MIN 63 CFSM 2.51 IN 34.14

PEAK DISCHARGE (BASE, 800 ft³/s)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
11-10	1600	8,20	855	2-22	1600	8.14	8.37

Note.--No gage-height record Dec. 25 to Jan. 23 and June 15 to July 21.

PERDIDO RIVER BASIN

02376500 Perdido River at Barrineau Park, Fla.

LOCATION.--Lat 30°41'25", long 87°26'25", in NW¼ sec.23, T.4 S., R.6 E., Baldwin County, Ala., Hydrologic Unit 03140106, on right bank 25 ft (7 m) downstream from county highway bridge, 1,000 ft (300 m) downstream from Alligator Creek, 0.5 mi (0.8 km) southwest of Barrineau Park, and 27 mi (43 km) upstream from mouth.

DRAINAGE AREA.--394 mi^2 (1,020 km^2).

PERIOD OF RECORD.--June 1941 to current year.

GAGE.--Water-stage recorder. Datum of gage is 25.77 ft (7.855 m) above mean sea level. Prior to Aug. 22,1949, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--35 years, 747 ft^3/s (21.16 m^3/s), 25.73 in/yr (654 mm/yr).

EXTREMES.--Current year: Maximum discharge, 8,980 ft ^{3}/s (254 m^3/s) Jan. 2 (gage height, 15.35 ft or 4.679 m); minimum, 341 ft ^{3}/s (9.66 m^3/s) Nov. 4-5 (gage height, 2.03 ft or 0.619 m).

Period of record: Maximum discharge, 39,000 ft^3/s (1,100 m^3/s) Apr. 15, 1955 (gage height, 23.94 ft or 7.297 m), from rating curve extended above 8,500 ft^3/s (241 m^3/s), based on slope-area study made in 1955, minimum, 188 ft^3/s (5.32 m^3/s) Oct. 12-18, 1973; minimum gage height, 1.24 ft (0.378 m) Oct. 1-6, 15-17, 20-25, 28-31, Nov. 1-3, 1968.

Flood of Mar. 15, 1929, reached a stage of 25.7 ft (7.83 m), present datum, from information by local resident (discharge not determined).

REMARKS.--Records good below 10,000 ft^3/s (283 m^3/s) and poor above.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1220	593	1270	5630	834	578	1190	429	1070	668	431	383
2	2070	581	1630	7660	1040	566	1350	421	1000	491	758	413
3	1890	572	1510	3940	1070	560	1150	413	1270	478	509	503
4	1740	569	1420	1930	1160	554	911	401	1290	440	470	632
5	1350	569	1030	1240	967	545	719	393	2460	445	423	1360
6	1190	575	824	1020	824	539	641	391	2780	470	445	1430
7	1180	770	749	971	852	548	599	450	1890	533	433	1190
8	1350	848	731	1190	813	587	572	876	1310	521	450	2870
9	1140	1210	713	1230	755	985	542	770	862	491	438	2470
10	964	5330	689	1100	716	824	515	629	677	463	395	1540
11	848	3190	665	1000	677	743	500	560	602	485	375	1140
12	773	3360	650	908	647	728	488	665	563	650	365	806
13	722	3300	638	848	629	662	480	587	530	764	359	593
14	686	1810	629	813	617	596	563	1880	503	623	355	488
15	659	1290	620	782	602	596	671	4070	488	503	373	445
16	731	1030	623	752	593	656	668	4990	480	443	373	421
17	2200	901	662	728	587	671	596	3850	470	417	480	405
18	2370	817	698	701	590	635	521	1910	463	401	569	393
19	2020	770	656	677	626	596	485	936	463	393	458	387
20	1660	746	629	665	608	572	468	689	506	385	391	379
21	1110	749	614	659	608	569	455	620	491	387	367	373
22	862	743	602	647	929	626	448	620	465	377	353	375
23	761	716	593	638	1370	665	443	953	448	373	349	367
24	746	695	584	632	2050	632	433	1100	551	399	353	365
25	713	680	662	632	1550	650	463	936	650	569	349	369
26	680	680	1050	1160	883	1050	509	813	611	578	361	371
27	671	841	946	1510	704	2390	527	939	488	635	425	375
28	662	824	834	1360	638	3570	503	2390	524	776	429	379
29	650	743	925	1390	602	2320	465	2200	677	614	421	379
30	629	728	1460	1040	---	1350	438	2260	767	533	395	369
31	608	---	2620	810	---	1010	---	2180	---	491	373	---
TOTAL	34855	36230	27926	44263	24541	27573	18313	40321	25349	15796	13025	21970
MEAN	1124	1208	901	1428	846	889	610	1301	845	510	420	732
MAX	2370	5330	2620	7660	2050	3570	1350	4990	2780	776	758	2870
MIN	608	569	584	632	587	539	433	391	448	373	349	365
CFSM	2.85	3.07	2.29	3.62	2.15	2.26	1.55	3.30	2.14	1.29	1.07	1.86
IN.	3.29	3.42	2.64	4.18	2.32	2.60	1.73	3.81	2.39	1.49	1.23	2.07

CAL YR 1975 TOTAL 446215 MEAN 1223 MAX 10000 MIN 349 CFSM 3.10 IN 42.13
WTR YR 1976 TOTAL 330162 MEAN 902 MAX 7660 MIN 349 CFSM 2.29 IN 31.17

PEAK DISCHARGE.--(BASE 4,000 CFS).--1973: Dec. 22 (0600) 4,500 cfs (11.40 ft); Mar. 14 (0500) 4,070 cfs (10.75 ft); Apr. 9 (2000) 5,000 cfs (12.09 ft).
1974: Feb. 8 (1100) 4,470 cfs (11.36 ft); Sept. 9 (1800) 17,300 cfs (19.04 ft).
1975: Mar. 21 (0700) 4,080 cfs (10.77 ft); Apr. 12 (2400) 6,560 cfs (13.64 ft); Apr. 17 (0100) 5,570 cfs (12.73 ft); Aug. 1 (2100) 18,500 cfs (19.41 ft); Sept. 23 (2400) 5,630 cfs (12.80 ft).
1976: Nov. 10 (0500) 6,620 cfs (13.69 ft); Nov. 12 (2100)4,430 cfs (11.30 ft); Jan. 2 (0300) 8,980 cfs (15.35 ft); May 16 (0700) 5,130 cfs (12.24 ft).

PERDIDO RIVER BASIN

02376551 Churchhouse Branch near Barrineau Park, Fla.

LOCATION.--Lat 30°40'27", long 87°23'43", in NE¼, sec.24, T.2 N., R.32 W., Escambia County, Hydrologic Unit 03140106, at culvert on State Highway 97, 0.5 mi (0.8 km) upstream from mouth and 2.7 mi (4.3 km) southwest of Barrineau Park.

DRAINAGE AREA.--0.92 mi^2 (2.38 km).

GAGE.--Water-stage recorder and crest-stage. Datum of gage is 44.66 ft (13.612 m) above mean sea level.

PERIOD OF RECORD.--Discharge measurements: 1969-71; 1974-75 (one to seven discharge measurements each water year), October 1975 to September 1976, (discharge measurements and crest-stage partial records).
Temperatures observations: October 1975 to September 1976. See REMARKS.

EXPTEMES.--Period of record: Discharge (1969-71; 1974-76): Maximum discharge measured 28 ft^3/s (0.79 m^3/s) Sept. 23, 1975; minimum discharge measured, 0.26 ft^3/s (0.007 m^3/s).
Maximum discharge, 237 ft^3/s (6.71 m^3/s) Sept. 8, 1974 (gage height, 6.64 ft or 2.024 m).
Water temperatures (1975-76): Maximum temperatures observed, 20.5°C Oct. 10, 1975, minimum observed, 9.5°C Dec. 20, 1975.

REMARKS.--Results of miscellaneous temperatures observations prior to October 1975 are in the files of the U.S. Geological Survey.

DISCHARGE MEASUREMENTS AND WATER TEMPERATURES, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DATE	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)
OCT. 10	1.8	20.5	APR. 3	1.3	17.0
DEC. 20	2.9	9.5	APR. 29	1.7	--
JAN. 31	1.5	11.5			

As the number of streams which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or flood flow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at crest-stage partial-record stations are presented in a table of annual maximum stage and discharge. Discharge measurements made at miscellaneous sites for both low flow and high flow are given in a second table.

Crest-stage partial-record-stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1976

					Annual Maximum		
Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Date	Gage height (feet)	Discharge (cfs)
		Alapaha River Basin					
02317630	Alapaha River near Jasper,Fla.	Lat 30°31'42", long 83°02'17", in SE¼, sec.32, T.2 N., R.13 E., Hamilton County, Hydrologic Unit 03110202, at bridge on U.S. Highway 41, 5.4 mi (8.7 km) west of Jasper and 11 mi (18 km) upstream from mouth. Datum of gage is at mean sea level.	ag 1,720	1948 1966-76	6-5-76	68.56	6,740
		Waccasassa River and coastal area between Withlacoochee and Suwannee Rivers					
02313400	Waccasassa River near Bronson, Fla.	Lat 29°28'32", long 82°42'58", in NE¼ sec.4, T.12 S., R.16 E., Levy County, Hydrologic Unit 03110101, at bridge on U.S. Highway Alternate 27, 2.5 mi (4.0 km) upstream from Little Waccasassa River, 5 mi (8 km) northwest of Bronson, and 28 mi (45 km) upstream form mouth. Datum of gage is 40.94 ft (12.479 m) above mean sea level.	ap220	1961-76	10-18-75	4.02	50
		Santa Fe River Basin					
02321600	Olustee Creek near Lulu, Fla.	Lat 30°05'42", long 82°28'25", in SW¼, sec.36, T.4 S., R.18 E., Columbia County, Hydrologic Unit 03110206, at bridge on State Highway 100, 1.4 mi (2.3 km) southeast of Lulu and 7.4 mi (11.9 km) upstream from Swift Creek. Datum of gage is 100.00 ft (30.480 m) above mean sea level.	49.1	1964-76	1976	<14.44	<435
02321700	Swift Creek near Lake Butler, Fla.	Lat 30°03'28", long 82°25'10", in NW¼, sec.16, T.5 S., R.19 E., Union County, Hydrologic Unit 03110206, at bridge on State Highway 100, at Guilford, and 5 mi (8 km) northwest of town of Lake Butler. Datum of gage is 109.56 ft (33.394 m) above mean sea level.	46.0	1957-60‡, 1961-76	1976	<5.00	<145

‡ Discharge not determined
a Approximately
g Does not include Little Alapha River
p Includes that of Little Waccasassa River

Annual maximum discharge at crest-stage partial-record stations during water year 1976

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Coastal area between Suwannee and Aucilla Rivers					
02325000	Fenholloway River near Perry, Fla.	Lat 30°04'16", long 82°39'45", in SE¼, sec. 6, T.5 S., R.7 E., Taylor County, Hydrologic Unit 03110102, at bridge on State Highway 356, 0.4 mi (0.6 km) upstream from Spring Creek, 1 mi (1.6 km) southwest of the community of Hampton Springs, 5.5 mi (8.8 km) southwest of Perry, and 14 mi (22 km) upstream from mouth. Datum of gage is at mean sea level.	a 160	1965-76	1976	<18.54	<564
		Aucilla River Basin					
02326250	Aucilla River near Aucilla, Fla.	Lat 30°29'31", long 83°43'53", in NW¼, sec.16, T.1 N., R.6 E., Jefferson County, Hydrologic Unit 03110103, at bridge on U.S. Highway 90, 1.3 mi (2.1 km) northeast of Aucilla and 48 mi (77 km) upstream from mouth. Datum of gage is at mean sea level.	345	1965-76	5-28-76	78.29	2,260
02326261	Little Aucilla River near Cherry Lake, Fla.	Lat 30°37'36", long 83°29'44", in SW¼, sec.26, T.3 N., R.8 E., Madison County, Hydrologic Unit 03110103, at culvert on State Highway S253, 5.1 mi (8.2 km) northwest of Cherry Lake, and 11.9 mi (19.1 km) northwest of Madison. Datum of gage is 97.71 ft (29.782 m) above mean sea level.	a 13.9	1970-76	5-25-76	6.20	100
02326300	Little Aucilla River near Greenville, Fla.	Lat 30°31'10", long 83°35'14", in NE¼, sec.2, T.1 N., R.7 E., Madison County, Hydrologic Unit 03110103, at bridge on State Highway 150, 4.5 mi (7.2 km) northeast of Greenville, and 10 mi (16 km) upstream from mouth. Datum of gage is 86.30 ft (26.304 m) above mean sea level.	90.7	1963-76	5-25-76	4.97	383
		St. Marks and Wakulla Rivers and coastal area between Aucilla and Ochlockonee Rivers					
02326598	Caney Creek near Monticello, Fla.	Lat 30°30'52", long 83°56'24", in SW¼, sec.4, T.1 N., R.4 E., Jefferson County, Hydrologic Unit 03120001, at culvert on State Highway 158, 2.9 mi (4.7 km) upstream from mouth, and 4.6 mi (7.4 km), southwest of Monticello. Datum of gage is 120.25 ft (36.652 m) above mean sea level.	2.54	1969-76	3-11-76	8.47	127
02326800	Copeland Sink drain at Lloyd, Fla.	Lat 20°28'40", long 84°00'51", in NE¼, sec.22, T.1 N., R.3 E., Jefferson County, Hydrologic Unit 03120001, at bridge on State Highway 158, and 0.5 mi (0.8 km) east of Lloyd. Datum of gage is at mean sea level.	285	1965-76	1976	<74.37	<645
		Ochlockonee River Basin					
02327050	Sopchoppy River near Arran, Fla.	Lat 30°13'50", long 84°32'20", in SW¼, sec.9, T.3 S., R.3 W., Wakulla County, Hydrologic Unit 03120003, at bridge on U.S. Forest Service Road 315, 1.3 mi (2.1 km) downstream from unnamed tributary, 7.9 mi (12.7 km) northwest of Arran, and 34 mi (55 km) upstream from mouth. Datum of gage is at mean sea level. (Florida Department of Transportation bench mark.)	48.2	1965-76	5-26-76 10-5-76 9-22-76	55.13 53.64 48.53	1,130 456 1.2
02329180	Megginnis Arm tributary at Tallahassee, Fla.	Lat 30°28'40", long 84°17'41", in NE¼, sec.23, T.1 N., R.1 W., Leon County, Hydrologic Unit 03120003, at culvert on Allen Road, 0.6 mi (1.0 km) upstream from Megginnis Arm of Lake Jackson, and 2.8 mi (4.5 km) north of Leon County courthouse, Tallahassee. Datum of gage is 106.98 ft (32.608 m) above mean sea level.	1.46	1971-76	12-31-75	6.20	274

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a Approximately

Annual maximum discharge at crest-stage partial-record stations during water year 1976

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum		
					Date	Gage height (feet)	Dis-charge (cfs)
		Ochlockonee River Basin--Continued					
h02329600	Little River near Midway, Fla.	Lat. 30°30'44", long 84°31'25", in SW¼, sec.3, T.1 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 268, 0.5 mi (0.8 km) upstream from Monroe Creek, 3.2 mi (5.1 km) upstream from mouth, and 3.7 mi (6.0 km) west of Midway. Datum of gage is at mean sea level.	305	1965-76	5-18-76 10-23-75	76.78 69.02	5,330 309
*02330050	Telogia Creek near Greensboro, Fla.	Lat 30°33'34", long 84°43'36", in NW¼, sec.22, T.2 N., R.5 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 274, 1.2 mi (1.9 km) southwest of Greensboro, 1.3 mi (2.1 km) above Tallahassee Creek, and 54 mi (87 km) upstream from mouth. Datum of gage is 100.00 ft (30.480 m) above mean sea level.	28.1	1965-76	10-8-75	94.40	1,370
		Coastal area between Ochlockonee and Apalachicola Rivers					
02330200	New River at Vilas Fla.	Lat 30°13'08", long 84°53'28", in NW¼, sec.13, T.3 S., R.7 W., Liberty County, Hydrologic Unit 03130013, at bridge on State Highway 65, 0.3 mi (0.5 km) west of Vilas, and 48 mi (77 km) upstream from mouth. Datum of gage is 68.49 ft (20.876 m) above mean sea level.	23.2	1961-76	6-4-76	4.95	478
02330400	New River near Sumatra, Fla.	Lat 30°02'19", long 84°50'38", in SE¼, sec.16, T.5 S., R.6 W., Liberty County, Hydrologic Unit 03130013, at bridge on U. S. Forest Service Road 120, 1.8 mi (2.9 km) below Cat Branch, 8.2 mi (13.2 km) east of Sumatra, and 29 mi (47 km) upstream from mouth. Datum of gage is at mean sea level.	157	1965-76	6-6-76	22.00	1,640
		Apalachicola River					
*02358600	Flat Creek near Chattahoochee, Fla.	Lat 30°37'43", long 84°50'06", in NE¼, sec.28, T.3 N., R.6 W., Gadsden County, Hydrologic Unit 03130011, at bridge on State Highway 269, 5.3 mi (8.5 km) south of Chattahoochee, and 6.1 mi (9.8 km) upstream from mouth. Datum of gage is 85.39 ft (26.027 m) above mean sea level (Florida Department of Transportation bench mark).	24.9	1961-76	5-16-76	8.37	828
02358998	Holliman Branch near Altha, Fla.	Lat 30°32'43", long 85°09'33", in NW¼, sec.29, T.2 N., R.9 W., Calhoun County, Hydrologic Unit 03130011, on right bank 15 ft (5 m) upstream from culvert on State Highway 274, 0.5 mi (0.8 km) upstream from mouth, and 2.6 mi (4.2 km) southwest of Altha. Datum of gage is 54.92 ft (16.740 m) above mean sea level.	2.04	1969-76	8-3-76	6.09	220
		St. Andrew Bay, inflow and coastal area					
02359300	Sandy Creek near Panama City, Fla.	Lat 30°08'27", long 85°24'26", in NE¼, sec.14, T.4 S., R.12 W., Bay County, Hydrologic Unit 03140101, at bridge on State Highway 22, 7.2 mi (11.6 km) upstream from mouth, and about 16 mi (26 km) east of Panama City. Datum of gage is 0.33 ft (0.101 m) below mean sea level.	a 25	1961-76	1-28-76	12.64	1,060

* Also a periodic measurement site
h Also a miscellaneous measurement site
a Approximately
‡ Operated as a continuous record gaging station

Annual maximum discharge at crest-stage partial-record stations during water year 1976

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum		
					Date	Gage height (feet)	Discharge (cfs)
St. Andrew Bay, inflow and coastal area--Continued							
02359350	Econfina Creek near Compass Lake, Fla.	Lat 30°33'20", long 85°26'05", in SE¼, sec.21, T.2 N., R.12 W., Bay County, Hydrologic Unit 03140101, on downstream side of bridge on county road, 0.3 mi (0.5 km) downstream from Long Branch, 3.5 mi (5.6 km) southwest of town of Compass Lake, and 33 mi (53 km) upstream from mouth. Datum of gage is 109.48 ft (33.370 m) above mean sea level.	40.5	1962-65‡, 1966-76	3-27-76	6.94	394
h02359550	Bear Creek near Youngstown, Fla.	Lat 30°19'10", long 85°27'20", in NE¼, sec.17, T.2 S., R.12 W., Bay County, Hydrologic Unit 03140101, at bridge on U.S. Highway 231, 0.1 mi (0.2 km) downstream from South Fork Bear Creek, 3.2 mi (5.1 km) south of Youngstown, and 12 mi (19 km) upstream from mouth. Datum of gage is 10.14 ft (3.091 m) above mean sea level.	67.2	1962-65‡, 1966-76	1-28-76	10.10	880
Choctawhatchee River below Pea River							
h02365237	Fowler Branch near Leonia, Fla.	Lat 30°55'17", long 85°56'01", in NW¼, sec.22, T.6 N., R.17 W., Holmes County, Hydrologic Unit 03140203, at culvert on State Highway 160, 0.6 mi (1.0 km) upstream from mouth, 5.0 mi (8.0 km) east of Leonia, and 13.2 mi (21.2 km) north of Ponce de Leon. Datum of gage is 75.90 ft (23.134 m) above mean sea level.	5.09	1969-76	10-13-75	7.13	309
02365700	Sandy Creek at Ponce de Leon, Fla.	Lat 30°43'28", long 85°56'12", in SE¼, sec.28, T.4 N., R.17 W., Holmes County, Hydrologic Unit 03140203, at bridge on State Highway 81 at Ponce de Leon and 10 mi (16 km) upstream from mouth. Datum of gage is 42.94 ft (13.088 m) above mean sea level.	a 80.7	1961-76	10-13-76	9.83	1,510
02366859	Pate Branch near Freeport, Fla.	Lat 30°28'44", long 86°24'05", in SW¼, sec.20, T.1 S., R.18 W., Walton County, Hydrologic Unit 03140203, at culvert on State Highway 20, 0.6 mi (1.0 km) upstream from Turnpike Branch, and 4.0 mi (6.4 km) southeast of Datum of gage is 5.02 ft (1.530 m) above mean sea level.	1.87	1969-76	10-1-75	9.74	185
Choctawhatchee Bay, inflow and coastal area							
02367242	Little Rocky Creek near Niceville, Fla.	Lat 30°36'34", long 86°25'31", in SW¼, sec.2, T.1 N., R.22 W., Okaloosa County, Hydrologic Unit 03140102, at bridge on State Highway 285, 1.8 mi (2.9 km) upstream from Smith Branch, and 7.0 mi (11.3 km) northwest of Niceville. Datum not determined.	3.70	1969-76	9-22-75	6.55	
Blackwater River Basin							
h02370015	Muddy Branch near Beaver Creek, Fla.	Lat 30°51'01", long 86°46'54", in NW¼, sec.18, T.4 N. R.25 W., Okaloosa County, Hydrologic Unit 03140104, on right bank 25 ft (8 m) above culvert on State Highway 4, 0.5 mi (0.8 km) upstream from mouth, and 2.2 mi (3.5 km) south of Beaver Creek. Datum of gage is 123.87 ft (37.756 m) above mean sea level.	1.45	1969-76	1-7-76 12-20-75	6.76 4.96	95 5.4

‡ Operated as a continuous record gaging station
† Discharge not determined
a Approximately
h Also a miscellaneous measurement site

Annual maximum discharge at crest-stage partial-record stations during water year 1976

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Blackwater River Basin--Continued					
02370750	Hurricane Branch near Milton, Fla.	Lat 30°40'32", long 87°08'17", in NW¼, sec.22, T.2 N., R.29 W., Santa Rosa County, Hydrologic Unit 03140104, 0.6 mi (1.0 km) upstream from mouth, and 7 mi (11 km) northwest of Milton. Datum of gage is 68.33 ft (20.827 m) above mean sea level.	2.95	1960-62‡ 1962-76	3-28-76	5.09	654
		Perdido Bay, inflow and coastal area					
h02376079	Carpenter Creek at Pensacola, Fla.	Lat 30°28'15", long 87°12'48", in land grant 50, T.1 S., R.30 W., Escambia County, Hydrologic Unit 03140107, at culvert on State Highway S289, 0.9 mi (1.4 km) upstream from mouth at Bayou Texan, Pensacola. Datum of gage is 3.11 ft (0.948 m) above mean sea level.	6.02	1971-76	1-26-76	10.36	948
		Perdido River Basin					
h02376551	Churchhouse Branch near Barrineau Park, Fla.	Lat 30°40'27", long 87°23'43", in NE¼, sec.24, T.2 N., R.32 W., Escambia County, Hydrologic Unit 03140106, at culvert on State Highway 97, 0.5 mi (0.8 km) upstream from mouth and 2.7 mi (4.3 km) southwest of Barrineau Park. Datum of gage is 44.66 ft (13.612 m) above mean sea level.	0.92	1969-76	9-8-76	6.60	225

‡ Operated as a continuous record gaging station
h Also a miscellaneous measurement site

Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table.

Discharge measurements made at miscellaneous sites during water year 1976

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Santa Fe River Basin				
Olustee Creek 02321800	Santa Fe River	Lat 30°00'14", long 82°34'20", in NW¼, sec.1, T.6 S., R.17 E., Union County, Hydrologic Unit 03110206, at bridge on State Highway 238, 1.5 mi (2.4 km) west of Providence, 3.6 mi (5.8 km) downstream from Swift Creek, and 6.8 mi (10.9 km) upstream from mouth.	163	1956 1958-60‡ 1961 1964-72‡‡ 1973-74	10-2-75	96
		Ochlockonee River Basin				
West Lafayette Drainage on Capital Circle	Lake Lafayette	Lat 30°27'24", long 84°13'36", in NE¼ sec.28, T.1 N., R.1 E., Leon County, Hydrologic Unit 03120001, at culvert on U.S. Highway 319, 1.0 mi (1.7 km) north of Federal Correctional Institution.	-	-	4-23-76	1.3
West Gum Creek at Aenon Church Road	Munson Slough	Lat 30°26'22", 84°22'27", in SW¼ sec.31, T.1 N., R.1 W., Leon County, Hydrologic Unit 0312001, at bridge on Aenon Church Road, 0.2 mi (0.3 km) north of intersections of State Highway 20 and Aenon Church Road.	-	-	4-23-76	0.17
Munson Slough at Capital Circle	Lake Munson	Lat 30°23'15", long 84°18'48", in NE¼ sec.22, T.1 S., R.1 W., Leon County, Hydrologic Unit 03120001, at bridge on Capital Circle, 0.7 mi (1.1 km) south of intersection of State Road 263 and Springhill Road and 2.8 (4.5 km) southeast of Tallahassee Municipal Airport.	-	-	4-3-76	7.6
Lost Creek 02327033		Lat 30°11'17", long 84°24'30", in SE¼ sec.26, T.3 S., R.2 W., Wakulla County, Hydrologic Unit 03120001, at bridge on State Highway 368, 0.5 mi (0.8 km) east of Arran, Fla.	-	1928-29 1966-67 1975	4-20-76 9-23-76	6.6 9.0
‡‡Sopchoppy River 02327050	Ochlockonee Bay	Lat 30°13'50", long 84°32'20", in SW¼ sec.9, T.3 S., R.3 W., Wakulla County, Hydrologic Unit 03120003, at bridge on U.S. Forest Service Road 315, 1.3 mi (2.1 km) downstream from unnamed tributary, 7.9 mi (12.7 km) northwest of Arran, and 34 mi (55 km) upstream from mouth.	48.2	1965-67, 1969-71 1975	10-09-75 9-22-76	456 1.2
Ochlockonee River 02328522	Ochlockonee Bay	Lat 30°40'08", long 84°18'19", in SW¼, sec.11, T.3 N., R.1 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 12, 3.7 mi (6.0 km) east of Concord, Fla.	1002	1921 1975	9-22-76 9-23-76	102 114
Shaw Creek	Ochlockonee River	Lat 30°39'54", long 84°19'07", in NE¼ sec.15, T.3 N., R.1 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 12, 2.8 mi (4.6 km) east of Concord, Fla.	11.4	-	9-22-76	0.97
Lewis Creek	Ochlockonee River	Lat 30°35'37", long 84°23'48", in NW¼ sec.12, T.2 N., R.2 W., Gadsden County, Hydrologic Unit 03120003, on county road 1.4 mi (2.3 km) southeast of Havana, Fla.	2.65	-	10-20-75 1-15-76 9-22-76	2.0 3.0 0.32
Swamp Creek	Attapulgus Creek	Lat 30°39'21", long 84°27'08", in NE¼ sec.17, T.3 N., R.2 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 159, 0.5 mi (0.8 km) south of Jamieson, Fla.	-	1975	9-22-76	6.2
Willacoochee Creek	Little River	Lat 30°40'57", long 84°33'08", in SE¼ sec.5, T.3 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, at culvert on county road 1.0 mi (1.6 km) south of Ga-Fla. State line and 3.0 mi (4.8 km) west of Dogtown, Fla.	36.5	1975	9-22-76	18

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‡ Operated as a continuous record gaging station

‡‡ Also a crest-stage partial-record station

Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table.

Discharge measurements made at miscellaneous sites during water year 1976

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements Date	Measurements Discharge (cfs)
		Ochlockonee River Basin--Continued				
Winkley Branch 02329556	Quincy Creek	Lat 30°36'03", long 84°32'02", in NE¼ sec.4, T.2 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, at culvert on State Highway 161, 1.1 mi (1.8 km) upstream from Quincy Creek and 2.7 mi (4.3 km) east of Quincy, Fla.	1.64	1969,1975	9-22-76	0.89
Little River 02329565	Lake Talquin	Lat 30°33'12", long 84°30'54", in SE¼ sec.22, T.2 N., R.4 W., Gadsden County, Hydrologic Unit 03120003, at bridge on U.S. Highway 90, 2.7 mi (4.3 km) south of Liltman, and 4.4 mi (7.1 km) southeast of Quincy, Fla.	r 279	1926 1939 1969 1975	4-23-76 6-16-76	119 149
‡‡Little River 02329600	Lake Talquin	Lat 30°30'44", long 84°31'25", in SE¼ sec.3, T.1 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 268, 0.5 mi (0.8 km) upstream from Monroe Creek, 3.2 mi (5.1 km) upstream from mouth, and 3.7 mi (6.0 km) west of Midway, Fla.	305	1964-71 1975	10-23-75	309
Monroe Creek 02329625	Little River	Lat 30°30'33", long 84°29'54", in SE¼ sec.2, T.1 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 268, 2.6 miles (4.2 km) west of Midway, Fla.	6.80	1958-59	9-23-76	2.2
Richlander Creek 02329646	Little River	Lat 30°31'18", long 84°33'15", in SE¼ sec.32, T.2 N., R.3 W., Gadsden County, Hydrologic Unit 03120003, at culvert on State Highway 65B, 4.7 mi (7.6 km) south of Quincy, Fla.	5.80	1958-59 1975	9-23-76	2.4
Polk Creek 02329668	Lake Talquin	Lat 30°25'49", long 84°31'47", in NE¼ sec.4, T.1 S., R.3 W., Leon County, Hydrologic Unit 03120003, at culvert on State Highway 20, 6.5 miles (10.5 km) northwest of Bloxham, Fla.	3.64	1958	9-22-76	1.1
Vote Creek	Rocky Comfort Creek	Lat 30°32'48", long 84°36'49", in NW¼ sec.26, T.2 N., R.4 W., Gadsden County, Hydrologic Unit 03120003, at culvert on Interstate 10, 1.4 miles (2.3 km) west of intersection I-10 and State Highway 267, and 2.8 miles (4.5 km) southwest of Quincy, Fla.	-	-	9-23-76	*0.16
Rocky Comfort Creek 02329777	Lake Talquin	Lat 30°29'05", long 84°35'35", in lot 32, Forbes Purchase, T. 1 N., R.4 W., Gadsden County, Hydrologic Unit 03120003, at culvert on State Highway 65B, 1.8 miles (2.9 km) east of Wetumpka, Fla.	34.1	1958-59 1975	9-22-76 9-23-76	19 15
Turkey Creek 02329788	Rocky Comfort Creek	Lat 30°29'10", long 84°35'33", in lot 32 Forbes Purchase, T.1 N., R.4 W., Gadsden County, Hydrologic Unit 03120003, at culvert on State Highway 65B, 7.1 miles (11.4 km) south of Quincy, Fla.	4.78	1958-59	9-23-76	1.3
Bear Creek 02329815	Rocky Comfort Creek	Lat 30°28'45", long 84°37'34", in lot 49, Forbes Purchase, T.1 N., R.4 W., Gadsden County, Hydrologic Unit 03120003, at culvert on State Highway 267, 0.2 mile (0.3 km) south of Wetumpka, Fla.	-	1975	9-22-76	6.9
Harvey Creek 02329829	Lake Talquin	Lat 30°24'50", long 84°33'05", in NE¼ sec.8, T.1 S., R.3 W., Leon County, Hydrologic Unit 03120003, at culvert on State Highway 20, 4.9 miles (7.9 km) east of Bloxham, Fla.	8.11	1958	9-22-76	5.1
Ocklawaha Creek 02329865	Lake Talquin	Lat 30°27'45", long 84°44'20", in SE¼ sec.21, T.1 N., R.5 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 65B, 7.5 miles (12.1 km) south of Greensboro, Fla.	11.1	1966-67	9-22-76	9.0
Hammock Creek 02329898	Lake Talquin	Lat 30°25'27", long 84°38'54", in SE¼ sec.5, T.1 S., R.4 W., Gadsden County, Hydrologic Unit 03120003, at culvert on State Highway 267, 4.3 miles (6.9 km) south of Wetumpka, Fla.	6.82	1958-59	9-22-76	15

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* Field estimate
‡‡ Also a crest-stage partial-record station
r Revised

Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table.

Discharge measurements made at miscellaneous sites during water year 1976

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Ochlockonee River Basin--Continued				
Juniper Creek	Telogia Creek	Lat 30°31'49", long 84°44'16", in NE¼ sec.33, T.2 N., R.5 W., Gadsden County, Hydrologic Unit 03120003, at culvert on State Road 65C, 2.7 mi (4.3 km) south of Greensboro, Fla.	8.50	1975	9-23-76	1.4
Sweetwater Creek	Ochlockonee River	Lat 30°18'25", long 84°42'00", in SE¼ sec.14, T.2 S., R.5 W., Leon County, Hydrologic Unit 03120003, at culvert on State Highway 375, 0.3 mile (0.5 km) north of ward and 0.6 mile (1.0 km) north of Leon-Wakulla County line.	2.59	-	9-22-76	1.2
Telogia Creek	Ochlockonee River	Lat 30°37'02", long 84°41'20", in NE¼ sec.36, T.3 N., R.5 W., Gadsden County, Hydrologic Unit 03120003, at culvert on State Highway 268, 1.8 miles (2.9 km) west of Gretna, Fla.	6.42	-	9-23-76	1.3
Mill Branch	Telogia Creek	Lat 30°25'45", long 84°56'08", in NE¼ sec.4, T.1 S., R.7 W., Liberty County, Hydrologic Unit 03120003, at culvert on State Highway 20, 2.4 miles (3.9 km) east of Bristol, Fla.	4.74	-	9-23-76	3.4
Blue Creek	Ochlockonee River	Lat 30°21'14", long 84°43'18", in NW¼ sec.34, T.1 S., R.5 W., Liberty County, Hydrologic Unit 03120003, at culvert on State Highway 267, 7.2 miles (11.6 km) east of Hosford, Fla.	11.6	-	9-22-76	*0.44
Black Creek	Ochlockonee River	Lat 30°19'32", long 84°41'37", in NW¼ sec.12, T.2 S., R.5 W., Leon County, Hydrologic Unit 03120003, at bridge on State Highway 375, 1.7 miles (2.7 km) north of Ward, Fla.	18.2	-	9-22-76	2.7
Mule Creek	Telogia Creek	Lat 30°30'40", long 84°49'41", in SE¼ sec.3, T.1 N., R.6 W., Gadsden County, Hydrologic Unit 03120003, at bridge on State Highway 12, 6.3 miles (10.1 km) southwest of Greensboro, Fla.	7.05	-	9-23-76	11
Telogia Creek 02330120	Ochlockonee River	Lat 30°22'25", long 84°48'22", in SE¼ sec.23, T.1 S., R.6 W., Liberty County, Hydrologic Unit 03120003, at bridge on State Highway 65, 1.0 mi (1.6 km) south of Hosford, Fla.	181	1938 1975	9-23-76	105
Big Creek	Telogia Creek	Lat 30°23'20", long 84°47'24", in SE¼ sec.13, T.1 S., R.6 W., Liberty County, Hydrologic Unit 03120003, at bridge on State Road 20, 0.5 mi (0.8 km) east of Hosford, Fla.	22.1	1975	9-22-76	12
Yellow Creek	Telogia Creek	Lat 30°16'58", long 84°45'08", in NE¼ sec.29, T.2 S., R.5 W., Liberty County, Hydrologic Unit 03120003, at bridge on State Road 67, 6.2 mi (18.8 km) southeast of Telogia, Fla.	23.9	1975	9-23-76	2.0
Indian Creek	Ochlockonee River	Lat 30°11'54", long 84°43'42", in SW¼ sec.22, T.3 S., R.5 W., Liberty County, Hydrologic Unit 03120003, at box culvert on State Highway 67, 12 mi (19.3 km) southeast of Telogia, Fla.	7.93	1975	9-23-76	*0.65
Mill Creek	Ochlockonee River	Lat 30°12'31", long 84°40'07", in NE¼ sec.19, T.3 S., R.4 W., Wakulla County, Hydrologic Unit 03120003, at bridge on State Highway 375, 14 mi (22.5 km) south of intersection State Highway 20 and State Highway 375.	-	1975	9-22-76	1.1
Ochlockonee River 02330150	Ochlockonee Bay	Lat 30°10'35", long 84°40'05", in NE¼ sec.31, T.3 S., R.4 W., Wakulla County, Hydrologic Unit 03120003, on left bank on downstream side of bridge on Forest Road 13, 1.3 mi (2.1 km) upstream from Smith Creek and 2.0 mi (3.2 km) southwest of the community of Smith Creek, Fla.	r2080	1975	9-24-76	392

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* Field estimate
r Revised

Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table.

Discharge measurements made at miscellaneous sites during water year 1976

Ochlockonee River Basin--Continued

Tiger Creek	Ochlockonee River	Lat 30°09'46", long 84°42'56", in NE¼ sec.2, T.4 S., R.5 W., Liberty County, Hydrologic Unit 03120003, at culvert on State Highway 67, 0.2 mile (0.3 km) north of intersections State Highway 67 and Forest Road 13, and 4.8 miles (7.7 km) west of the community of Smith Creek, Fla.	9.38		9-23-76	*0.29
North Mosquito Creek 02358500	Apalachicola River	Lat 30°42'08", long 84°49'35", in NW¼ sec.34, T.4 N., R.6 W., Gadsden County, Hydrologic Unit 03130011, at bridge on U.S. Highway 90, 0.5 mile (0.8 km) east of Chattahoochee, Fla.	57.9	1936-42 1966-67 1975	9-23-76	20
Mosquito Creek	Apalachicola River	Lat 30°41'19", long 84°50'30", in NE¼ sec.4, T.3 N., R.6 W., Gadsden County, Hydrologic Unit 03130011, at bridge on State Highway 268, 0.2 mi (0.3 km) north of River Junction, Fla.	86.2	1975	9-23-76	45
Crooked Creek 02358620	Flat Creek	Lat 30°35'00", long 84°52'54", in SW¼ sec.7, T.2 N., R.6 W., Gadsden County, Hydrologic Unit 03130011, at bridge on State Highway 270, 8.3 miles (13.4 km) west of Greensboro, Fla.	11.1	1951	9-23-76	19
‡‡Bear Creek 02359550	Econfina Creek	Lat 30°19'10", long 85°27'20", in NE¼ sec.17, T.2 S., R.12 W., Bay County, Hydrologic Unit 03140101, at bridge on U.S. Highway 231, 0.1 mile (0.2 km) downstream from South Fork Bear Creek, 3.2 miles (5.1 km) south of Youngstown, and 12 miles (19 km) upstream from mouth.	67.2	1962-65 1962-70, 1974	4-28-76	52
Little Bear Creek 02359600	Bear Creek	Lat 30°32'00", long 85°26'40", in SE¼ sec.28, T.1 S., R.12 W., Bay County, Hydrologic Unit 03140101, at bridge on State Highway 388, 0.4 mile (0.6 km) west of Youngstown, Fla.	27.4	1962-65‡ 1962-67	4-28-76	33
Big Cedar Creek 02359650	Econfina Creek	Lat 30°22'10", long 85°37'20", in SW¼ sec.26, T.1 S., R.14 W., Bay County, Hydrologic Unit 03140101, at culverts on State Highway 388, 2.2 miles (3.5 km) upstream from Long Branch, 4.3 miles (6.9 km) upstream from mouth and 5.6 miles (9.0 km) southwest of Bennett, Fla.	d95	1962-64‡ 1962-67	4-28-76	5.2
Bayou George 02359654	Deer Point Lake	Lat 30°14'53", long 85°30'37", in NE¼ sec.11, T.3 S., R.13 W., Bay County, Hydrologic Unit 03140101, at bridge on State Highway 390, 1.9 miles (3.1 km) east of Bayou George, Fla.	-	1962-64	4-28-76	16
Deer Point Lake Outlet 02359661	North Bay	Lat 30°16'06", long 85°36'21", in SW¼ sec.36, T.2 S., R.14 W., Bay County, Hydrologic Unit 03140101, on dam, at outlet of Deer Point Lake on State Highway 77A, 2.7 miles (4.3 km) southeast of Southport, Fla.	d435	1963	4-28-76	444

Choctawhatchee, Yellow and Escambia Rivers

Fowlers Branch nr Leonia	Choctawhatchee River	Lat 30°55'17", long 85°56'01", in NW¼, sec.22, T.6 N., R.17 W., Holmes County, Hydrologic Unit 03140203, at culvert on State Highway 160, 0.6 mi (1.0 km) upstream from mouth and 5.0 mi (8.0 km) east of Leonia, Fla.	5.09	1969-73‡ 1975‡		
Lafayette Creek 02366911	Fourmile Creek	Lat 30°29'35", long 86°07'33", in SE¼ sec.15, T.1 S., R.19 W., Walton County, Hydrologic Unit 03140102, at bridge on State Highway 20 in Freeport, 0.9 mi (1.4 km) upstream from La Grange Bayou.	35.5	1969-70 1972-75	6-08-76	123

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* Field estimate
‡ Operated as a continuous record gaging station
‡‡ Also a crest-stage partial-record station
d Includes 43.9 mi^2 (113.7 km^2) that do not contribute to direct runoff

Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table.

Discharge measurements made at miscellaneous sites during water year 1976

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Blackwater River Basin				
‡‡Muddy Branch 02370015	Beaver Creek	Lat 30°51'01", long 86°46'54", in NW¼ sec.18, T.4 N., R.25 W., Okaloosa County, Hydrologic Unit 03140104, on right bank 25 ft (8 m) above culvert on State Highway 4, 0.5 mi (0.8 km) upstream from mouth, and 2.2 mi (3.5 km) south of Beaver Creek, Fla.	1.45	1969-72 1975-76	12-20-75	5.4
		Perdido Bay, inflow and coastal area				
Elevenmile Creek 02376108	Perdido Bay	Lat 30°32'52", long 87°19'49", in NE¼ sec.3, T.1 S., R.31 W., Escambia County, Hydrologic Unit 03140107, at bridge on State Highway 297 A, 1.4 mi (2.3 km) northwest of junction with State Highway 297, and 4.2 mi (6.8 km) northeast of Ensley, Fla.	13.9	1970-75	4-28-76	33

‡‡ Also a crest-stage partial-record station

LAKE ELEVATIONS

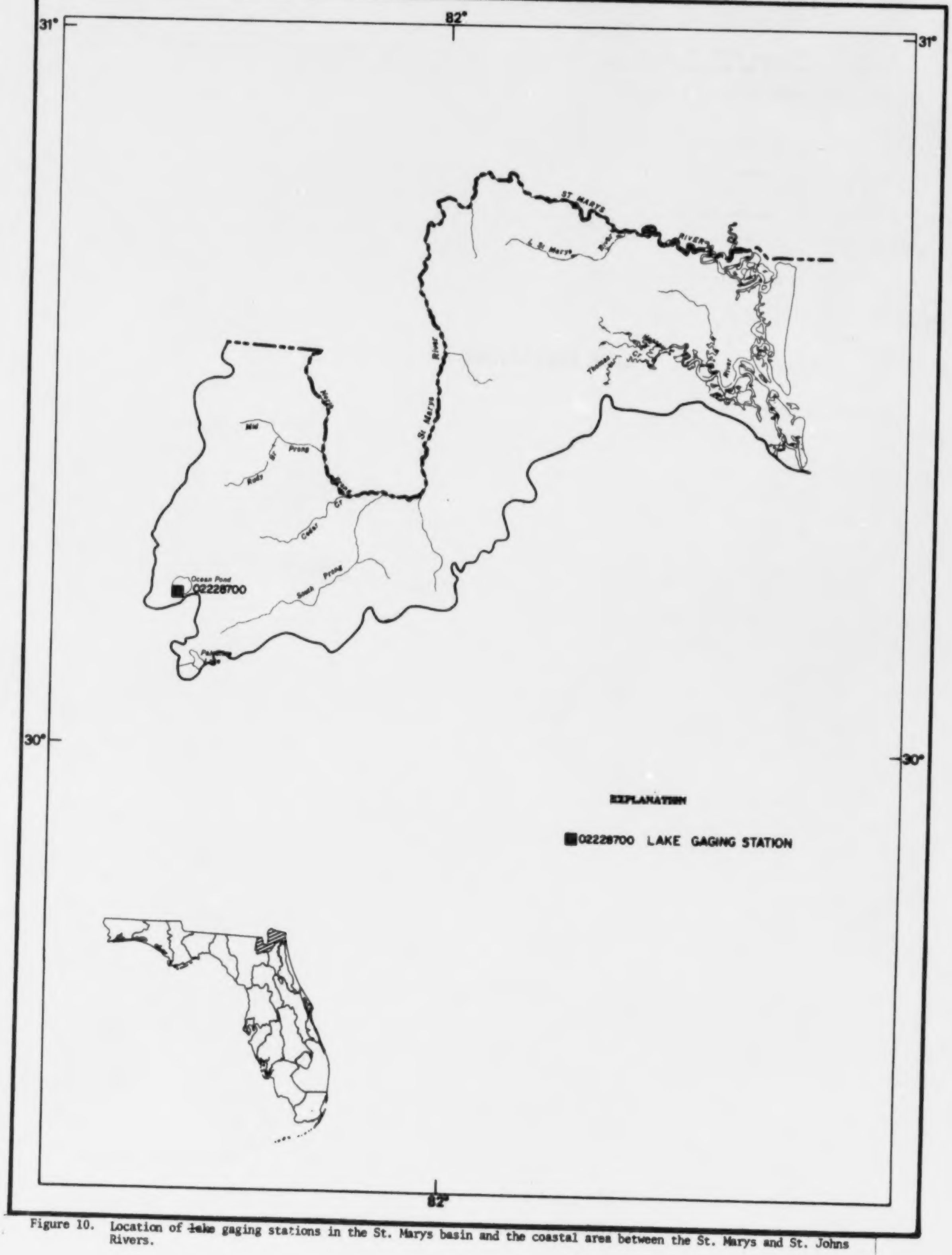
31°
82°
31°
ST MARYS
RIVER
L. St Marys
St Marys River
Middle Prong
Prong
Ruby Cr
Cedar Cr
South Prong
Ocean Pond
02228700
Thomas Cr
River
30°
30°
EXPLANATION
■02228700 LAKE GAGING STATION
82°

Figure 10. Location of ~~lake~~ gaging stations in the St. Marys basin and the coastal area between the St. Marys and St. Johns Rivers.

ST. MARYS RIVER BASIN

02228700 Ocean Pond at Olustee, Fla.

LOCATION.--Lat 30°12'55", long 82"26'31", in SW¼ sec.20, T.3 S., R.19 E., Baker County, Hydrologic Unit 03070204, on south shore on private dock, 1.2 mi (1.9 km) northwest of Olustee and 11.3 mi (18.2 km) east of Lake City.

SURFACE AREA.--1,793 acres, 2.8 mi^2 (7.26 km^2).

DRAINAGE AREA.--13.1 mi^2 (33.9 km^2).

PERIOD OF RECORD.--December 1974 to March 1974, July 1975 to current year.

GAGE.--Nonrecording gage. Datum of gage is 150.40 ft (45.482 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Current year: Maximum daily elevation, 155.18 ft (47.299 m) Sept. 13, 1976; minimum daily, 154.20 ft (47.000 m) May 6, 1976.
Period of record: Maximum daily elevation, 155.80 ft (47.488 m) July 12, 1975; minimum daily, 154.14 ft (46.982 m) December 11, 12, 1974.

REMARKS.--Some diversionary flow to the Suwannee River Basin at times.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	154.96	154.60	154.44	154.34	154.48	154.50	154.52	154.30	154.46	154.84	154.84	154.82
2	154.92	154.60	154.42	154.35	154.50	154.50	154.50	154.30	154.46	154.86	154.84	154.80
3	154.92	154.60	154.42	154.35	154.52	154.50	154.50	154.28	154.46	154.88	154.86	154.78
4	154.92	154.60	154.42	154.36	154.52	154.48	154.48	154.26	154.48	154.88	154.86	154.90
5	154.90	154.60	154.42	154.38	154.50	154.48	154.48	154.24	154.50	154.90	154.82	154.94
6	154.86	154.60	154.44	154.40	154.52	154.48	154.48	154.20	154.50	154.94	154.81	154.94
7	154.88	154.62	154.44	154.40	154.54	154.46	154.50	154.22	154.50	154.96	154.78	154.94
8	154.88	154.40	154.46	154.46	154.52	154.44	154.48	154.24	154.52	154.98	154.82	155.04
9	154.86	154.64	154.48	154.48	154.52	154.54	154.44	154.26	154.56	155.00	154.94	155.05
10	154.84	154.62	154.48	154.50	154.52	154.58	154.44	154.26	154.56	155.00	154.94	155.05
11	154.80	154.64	154.46	154.52	154.54	154.54	154.44	154.26	154.56	155.04	154.91	155.10
12	154.80	154.62	154.46	154.52	154.54	154.54	154.46	154.24	154.60	155.06	154.90	155.12
13	154.80	154.60	154.46	154.50	154.56	154.58	154.44	154.28	154.60	155.08	154.94	155.18
14	154.78	154.60	154.44	154.50	154.56	154.54	154.44	154.28	154.60	155.08	154.92	155.16
15	154.76	154.60	154.42	154.50	154.56	154.52	154.44	154.30	154.60	155.08	154.96	155.10
16	154.76	154.60	154.42	154.48	154.56	154.52	154.42	154.32	154.62	155.06	154.98	155.08
17	154.74	154.56	154.40	154.48	154.56	154.60	154.40	154.32	154.64	155.06	154.98	155.06
18	154.76	154.56	154.40	154.48	154.54	154.58	154.38	154.34	154.66	155.04	154.96	155.06
19	154.78	154.52	154.40	154.48	154.56	154.56	154.36	154.36	154.70	155.00	154.92	155.04
20	154.74	154.52	154.40	154.48	154.58	154.56	154.34	154.36	154.72	155.02	154.92	155.02
21	154.70	154.52	154.38	154.50	154.60	154.54	154.32	154.38	154.72	155.02	154.90	155.00
22	154.70	154.50	154.38	154.50	154.60	154.56	154.30	154.44	154.74	154.98	154.88	154.98
23	154.66	154.50	154.36	154.52	154.60	154.60	154.30	154.48	154.76	154.98	154.86	154.96
24	154.66	154.48	154.34	154.52	154.60	154.54	154.28	154.48	154.76	154.96	154.82	154.98
25	154.64	154.48	154.34	154.50	154.58	154.52	154.26	154.48	154.76	154.92	154.82	155.02
26	154.64	154.48	154.34	154.50	154.58	154.50	154.38	154.46	154.76	154.94	154.84	155.02
27	154.64	154.46	154.32	154.48	154.56	154.50	154.36	154.48	154.78	154.90	154.82	155.00
28	154.66	154.46	154.32	154.48	154.54	154.58	154.36	154.50	154.80	154.88	154.80	155.02
29	154.66	154.44	154.30	154.46	154.50	154.58	154.32	154.50	154.82	154.86	154.78	155.04
30	154.62	154.44	154.30	154.46	---	154.56	154.30	154.48	154.82	154.84	154.74	155.03
31	154.62	---	154.34	154.46	---	154.54	---	154.48	---	154.84	154.84	---
MEAN	154.77	154.55	154.40	154.46	154.55	154.53	154.40	154.35	154.63	154.96	154.87	155.01
MAX	154.96	154.64	154.48	154.52	154.60	154.60	154.52	154.50	154.82	155.08	154.98	155.18
MIN	154.62	154.40	154.30	154.34	154.48	154.44	154.26	154.20	154.46	154.84	154.74	154.78

WTR YR 1976 MEAN 154.62 MAX 155.18 MIN 154.20

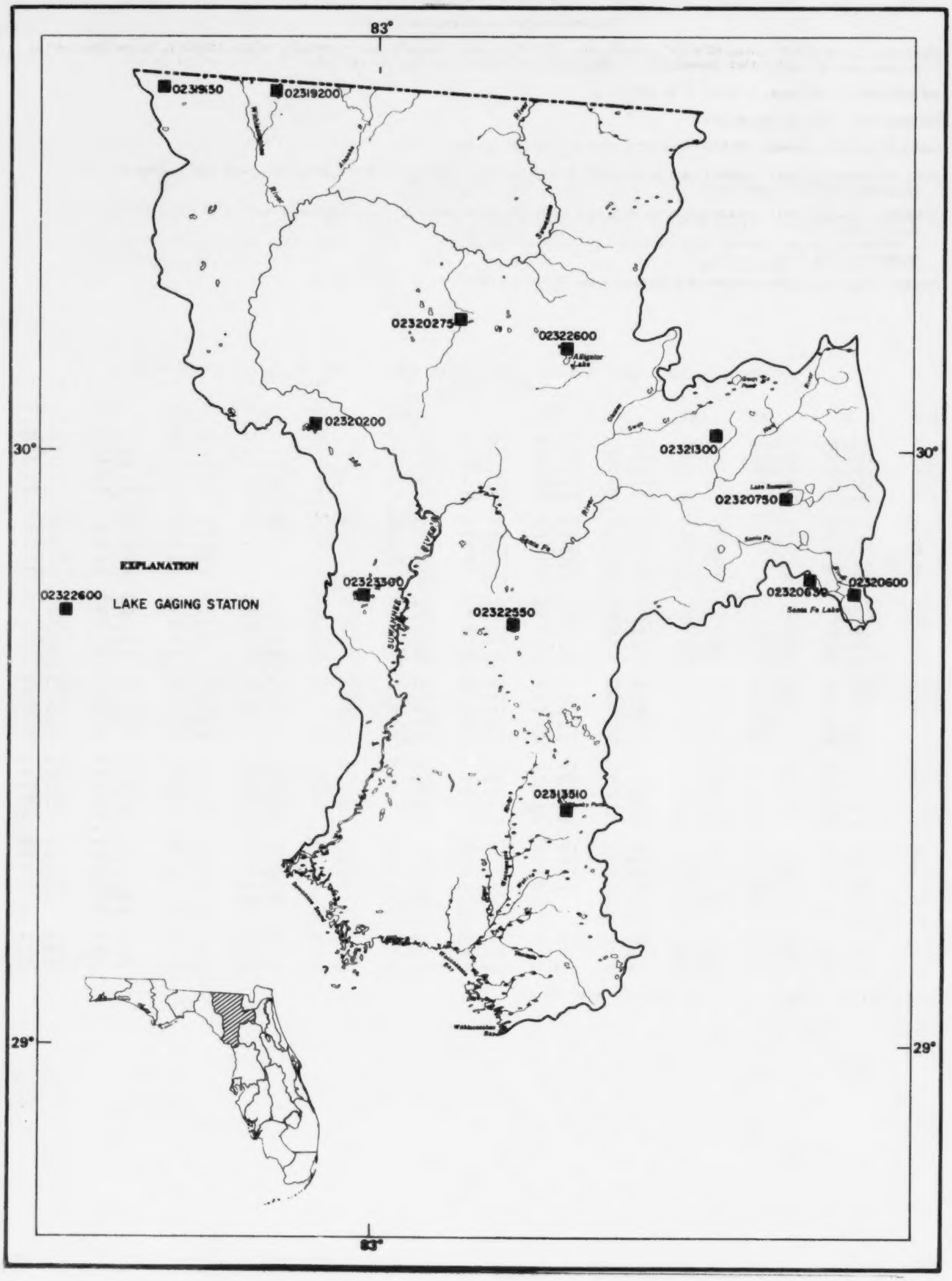
83°
02319150
02319200
02320275
02322600
Alligator Lake
02320200
30°
02321300
Lake Sampson
02320750
Santa Fe
02320630
02320600
Santa Fe Lake
EXPLANATION
02322600
LAKE GAGING STATION
02323500
SUWANNEE RIVER
02322550
02313510
29°
83°

Figure 11. Location of lake gaging stations in the Waccasassa and Suwannee River basins and the coastal area between the Withlacoochee and Suwannee Rivers.

WACCASASSA RIVER AND COASTAL AREA BETWEEN WITHLACOOCHEE AND SUWANNEE RIVERS

02313510 Chunky Pond near Bronson, Fla.

LOCATION.--Lat 29°23'36", long 82°37'19", in SW¼ sec. 33, T.12 S., R.17 E., Levy County, Hydrologic Unit 03110101, at southeast end of pond, near center of outlet channel, 200 ft (60 m) upstream from culvert control and 3.7 mi (6.0 km) south of Bronson.

SURFACE AREA.--650 acres, 1.02 mi² (2.63 km²).

DRAINAGE AREA.--23 mi² (60 km²), approximately.

PERIOD OF RECORD.--January to April 1967 (fragmentary), May 1967 to current year (weekly), incomplete.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Supplementary nonrecording gages about 600 ft (180 m) northeast and 0.5 mi (0.8 km) north.

EXTREMES.--Current year: Maximum daily elevation, 51.48 ft (15.691 m) Oct. 24, Nov. 14; minimum daily, 49.14 ft (14.978 m) Sept. 24. Period of record: Maximum daily elevation, 56.00 ft (17.069 m) Sept. 7, 1967; minimum daily, 49.14 ft (14.978 m) Sept. 24, 1976.

REMARKS.--Lake level partially controlled by culvert with lift gate in outlet canal. Outflow from lake is through a canal southward to a swampy area called Deerpen Pond and thence through Magee Branch to Waccasassa River.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	51.40	---	---	50.26	---	---	49.70	---	---
3	51.16	---	---	---	---	---	---	---	---	---	---	49.30
4	---	---	---	---	---	---	---	---	49.46	---	---	---
5	---	---	51.30	---	---	50.94	---	---	---	---	---	---
6	---	---	---	---	51.38	---	---	---	---	---	49.38	---
7	---	51.36	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	51.46	---	---	50.28	---	---	49.54	---	---
10	51.26	---	---	---	---	---	---	---	---	---	---	49.32
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	51.22	---	---	50.78	---	---	---	---	---	---
13	---	---	---	---	51.34	---	---	---	---	---	49.38	---
14	---	51.48	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	50.70	---	---	---	---	---	---
16	---	---	---	51.44	---	---	50.00	---	49.44	49.60	---	---
17	51.26	---	---	---	---	---	---	49.70	---	---	---	49.28
18	---	---	---	---	---	---	---	---	49.40	---	---	---
19	---	51.47	51.14	---	---	50.60	---	---	---	---	---	---
20	---	---	---	---	51.22	---	---	---	---	---	49.40	49.18
21	---	51.46	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	51.38	---	---	49.38	---	---	49.38	---	---
24	51.48	---	---	---	---	---	---	---	---	---	---	49.14
25	---	---	---	---	---	---	---	---	49.36	---	---	---
26	---	---	51.06	---	---	50.42	---	---	---	---	---	---
27	---	---	---	51.36	51.10	---	---	---	---	---	49.34	---
28	---	51.34	---	---	---	---	---	49.88	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	51.36	---	---	---	---	---	49.30	---	---
31	51.40	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

02319150 Cherry Lake near Cherry Lake, Fla.

LOCATION.--Lat 30°37'06", long 83°25'20", in NE¼ sec.33, T.3N., R.9E., Madison County, Hydrologic Unit 03110203, on west shore on private dock, 2.7 mi (4.3 km) northeast of the village of Cherry Lake and 10.2 mi (16.4 km) north of Madison.

SURFACE AREA.--483 acres, 0.75 mi² (1.95 km²).

DRAINGAGE AREA.--1.58 mi² (4.09 km²).

PERIOD OF RECORD.--November 1974 to current year.

GAGE.--Nonrecording gage. Datum of gage is 148.13 ft (45.150 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Current year: Maximum daily elevation, 153.71 ft (46.851 m) May 25; minimum daily; 152.67 ft (46.534 m) Dec. 10-15, 25, 26. Period of record: Maximum daily elevation, 153.97 ft (46.930 m) Apr. 15, 1975; minimum daily, 152.43 ft (46.461 m) Dec. 6, 7, 1975.

Maximum elevation since April 1973, 154.41 ft (47.064 m) from high-water mark by owner.

REMARKS.--Lake is landlocked.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	152.85	152.77	152.71	152.91	153.09	153.03	153.23	153.45	153.49	153.23	152.75	152.87
2	152.83	152.75	152.71	152.91	153.11	153.01	153.23	153.47	153.47	153.23	152.75	152.99
3	152.81	152.73	152.69	152.91	153.09	153.03	153.23	153.43	153.47	153.23	152.75	152.99
4	152.81	152.73	152.69	152.93	153.09	153.03	153.23	153.41	153.47	153.18	152.87	152.97
5	152.81	152.73	152.69	152.91	153.09	153.01	153.23	153.37	153.43	153.18	152.85	153.13
6	152.79	152.71	152.69	152.89	153.09	153.01	153.23	153.33	153.39	153.13	152.85	153.13
7	152.91	152.73	152.69	152.89	153.09	152.99	153.23	153.33	153.35	153.13	152.83	153.17
8	152.93	152.77	152.69	152.93	153.07	152.97	153.23	153.31	153.33	153.12	152.83	153.17
9	152.93	152.77	152.71	152.93	153.07	153.19	153.23	153.30	153.31	153.11	152.81	153.17
10	152.92	152.77	152.67	152.92	153.07	153.17	153.18	153.29	153.29	153.09	152.79	153.19
11	152.91	152.77	152.67	152.91	153.07	153.15	153.18	153.27	153.27	153.07	152.77	153.15
12	152.90	152.83	152.67	152.93	153.07	153.15	153.18	153.25	153.28	153.07	152.81	153.11
13	152.89	152.85	152.67	152.93	153.05	153.16	153.18	153.25	153.28	153.03	152.93	153.09
14	152.89	152.81	152.67	152.93	153.05	153.17	153.18	153.23	153.28	153.01	152.97	153.11
15	152.87	152.81	152.67	152.93	153.05	153.17	153.18	153.29	153.28	152.99	152.97	153.09
16	152.87	152.79	152.71	152.91	153.05	153.17	153.18	153.27	153.28	152.97	152.95	153.09
17	152.87	152.78	152.71	152.93	153.05	153.23	153.13	153.31	153.28	152.93	152.95	153.09
18	152.88	152.77	152.71	152.91	153.05	153.22	153.13	153.29	153.23	152.93	152.93	153.07
19	152.88	152.77	152.69	152.91	153.09	153.21	153.11	153.25	153.23	152.91	152.93	153.07
20	152.89	152.77	152.69	152.89	153.07	153.21	153.09	153.23	153.23	152.89	152.91	153.05
21	152.87	152.77	152.69	152.89	153.07	153.21	153.09	153.21	153.23	152.87	152.87	153.03
22	152.87	152.75	152.69	152.87	153.09	153.21	153.07	153.23	153.23	152.85	152.85	153.03
23	152.86	152.75	152.69	152.87	153.07	153.21	153.07	153.49	153.23	152.85	152.87	153.01
24	152.85	152.71	152.68	152.90	153.06	153.19	153.05	153.69	153.28	152.83	152.88	153.01
25	152.85	152.71	152.67	152.92	153.05	153.19	153.11	153.71	153.28	152.81	152.88	153.09
26	152.85	152.69	152.67	152.95	153.05	153.23	153.09	153.68	153.27	152.81	152.88	153.07
27	152.85	152.70	152.73	153.07	153.05	153.23	153.07	153.63	153.27	152.79	152.88	153.05
28	152.81	152.70	152.73	153.07	153.03	153.27	153.05	153.61	153.25	152.77	152.88	153.05
29	152.81	152.69	152.75	153.07	153.03	153.27	153.03	153.59	153.23	152.79	152.83	153.09
30	152.81	152.69	152.77	153.06	---	153.25	153.03	153.55	153.25	152.79	152.85	153.07
31	152.79	---	152.93	153.05	---	153.25	---	153.51	---	152.77	152.89	---
MEAN	152.86	152.75	152.70	152.94	153.07	153.15	153.15	153.39	153.31	152.98	152.86	153.07
MAX	152.93	152.85	152.93	153.07	153.11	153.27	153.23	153.71	153.49	153.23	152.97	153.19
MIN	152.79	152.69	152.67	152.87	153.03	152.97	153.03	153.21	153.23	152.77	152.75	152.87

CAL YR 1975 MEAN 153.19 MAX 153.97 MIN 152.67
WTR YR 1976 MEAN 153.02 MAX 153.71 MIN 152.67

WITHLACOOCHEE RIVER BASIN

02319200 Lake Octahatchee near Jennings, Fla.

LOCATION.--Lat 30°36'34", long 83°12'10", in NE¼ sec.3, T.2 N., R.11 E., Hamilton County, Hydrologic Unit 03110203, on northwest shore on private dock, 5.6 mi (9.0 km) west of Jennings, 8.8 mi (14.2 km) east of Pinetta.

SURFACE AREA.--198 acres, 0.31 mi² (0.80 km²).

DRAINAGE AREA.--3.0 mi² (7.77 km²), includes 0.1 mi² (0.26 km²) estimated in Georgia.

PERIOD OF RECORD.--November 1974 to June 1975 (daily incomplete); September 1975 to September 1976 (fragmentary).

GAGE.--Nonrecording gage. Datum of gage is 99.36 ft (30.285 m) above mean sea level(levels by Suwannee River Water Management District.) Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Maximum daily elevation for the period November 1974 to September 1975, 106.04 ft (32.320 m) Apr. 22; minimum daily, 101.02 ft (30.790 m) Dec. 12.
Current year: Maximum daily elevation, 104.18 ft (31.754 m) Aug. 30; minimum daily, 100.21 ft (30.544 m) Jan. 5.

REMARKS.--Lake level partially controlled by lift gates at west end of lake by Lake Co-op (owners).

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	101.51	101.36	105.02	105.20	105.26	105.31	105.08			---
2		---	101.44	101.36	105.04	105.16	105.26	105.26	105.16			---
3		---	101.38	101.36	105.06	105.12	105.16	105.24	105.18			---
4		---	101.32	101.36	105.08	105.10	105.16	105.21	105.20			---
5		---	101.26	101.36	105.14	105.06	105.16	105.18	105.19			---
6		---	101.20	101.36	105.16	105.06	105.06	105.12	105.17			---
7		---	101.18	101.36	105.21	105.06	105.04	105.08	105.15			---
8		---	101.16	101.36	105.21	104.96	105.00	105.04	105.13			103.26
9		---	101.10	102.06	105.24	104.96	104.96	105.00	105.11			---
10		---	101.06	102.16	105.22	104.94	105.36	105.01	105.08			---
11		102.64	101.04	102.22	105.20	104.90	105.80	105.02	105.06			103.26
12		102.58	101.02	102.36	105.26	104.88	105.82	105.03	105.04			---
13		102.52	101.06	102.46	105.32	104.91	105.85	105.04	105.02			---
14		102.46	101.08	102.56	105.34	104.91	105.87	105.05	104.99			---
15		102.40	101.10	102.60	105.32	104.96	105.89	105.06	104.97			---
16		102.32	101.12	102.56	105.32	104.94	105.92	105.07	104.95			---
17		102.26	101.16	102.51	105.30	104.94	105.94	105.08	104.94			---
18		102.22	101.18	102.44	105.32	104.96	105.97	105.08	104.91			---
19		102.18	101.21	102.56	105.34	105.06	105.99	105.10	104.89			---
20		102.14	101.24	103.16	105.34	105.26	106.01	105.06	104.86			---
21		102.08	101.26	103.66	105.33	105.36	106.03	105.00	104.84			---
22		102.02	101.30	103.84	105.32	105.46	106.04	104.98	104.82			---
23		102.02	101.34	103.96	105.34	105.44	105.94	104.94	104.76			---
24		101.96	101.34	104.08	105.34	105.41	105.86	104.90	104.72			---
25		101.90	101.34	104.16	105.32	105.41	105.76	104.82	104.66			---
26		101.84	101.36	104.22	105.30	105.41	105.66	104.78	104.60			---
27		101.72	101.36	104.41	105.26	105.36	105.56	104.70	104.56			---
28		101.66	101.36	104.66	105.22	105.36	105.47	104.66	104.52			---
29		101.61	101.36	104.76	---	105.36	105.42	104.64	104.50			---
30		101.56	101.36	104.90	---	105.26	105.36	104.86	104.48			---
31		---	101.36	104.96	---	105.26	---	104.98	---			---
MEAN		---	101.24	102.84	105.25	105.14	105.59	105.01	104.92	---		---
MAX		---	101.51	104.96	105.34	105.46	106.04	105.31	105.20	---		---
MIN		---	101.02	101.36	105.02	104.88	104.96	104.64	104.48	---		---

02319200 Lake Octahatchee near Jennings, Fla.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---		---	---	102.58		---			---	
2		---		---	100.98	---		---			---	
3		100.80		---	---	---		103.85			---	
4		---		---	---	---		---			---	
5		---		100.21	---	---		---			---	
6		---		---	---	---		---			---	
7		---		---	---	---		---			---	
8		---		---	---	---		---			---	
9		---		---	---	---		---			---	
10		---		---	---	---		---			---	
11		---		---	---	---		---			---	
12		---		---	---	---		---			---	
13		---		---	---	---		---			---	
14		---		---	---	---		---			---	
15		---		---	---	---		---			---	
16		---		---	---	---		---			---	
17		---		---	---	---		---			---	
18		---		---	---	---		---			---	
19		---		---	---	---		---			---	
20		---		---	---	---		---			---	
21		---		---	---	---		---			---	
22		---		---	---	---		---			---	
23		---		---	---	---		---			---	
24		---		---	---	---		---			---	
25		---		---	---	---		---			---	
26		---		---	---	---		---			---	
27		---		---	---	---		---			---	
28		---		---	---	---		---			---	
29		---		---	---	---		---			---	
30		---		---	---	---		---			104.18	
31		---		---	---	---		---			---	
MEAN		---		---	---	---		---			---	
MAX		---		---	---	---		---			---	
MIN		---		---	---	---		---			---	

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE BASIN

02320200 Townsend Pond near Mayo, Fla.

LOCATION.--Lat 30°02'27", long 83°07'11', in NE¼ sec.21, T.5 S., R.12 E., Lafayette County, Hydrologic Unit 03110205, on county pier, 235 ft (72 m) north of peninsula on west shore, 1.4 mi (2.2 km) southeast of Alton, 3.5 mi (5.6 km) southeast of Mayo.

SURFACE AREA.--111 acres, 0.17 mi² (0.44 km²).

DRAINAGE AREA.--6.40 mi² (16.6 km²).

PERIOD OF RECORD.--November 1974 to current year (fragmentary).

GAGE.--Nonrecording gage. Datum of gage 67.44 ft (20.555 m) above mean sea level. (Levels by Suwannee River Water Management District.) Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Maximum daily elevation for period November 1974 to September 1975, 72.57 ft (22.119 m) Sept. 17; minimum daily, 70.83 ft (21.589 m) Dec. 11.

Current year: Maximum daily elevation, 72.36 ft (22.055 m) Oct. 3 occured on general recession; minimum daily, 71.02 ft (21.647 m) Sept. 3.

REMARKS.--Lake is land locked.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	70.96		---	---	---	71.88	71.38		---	---
2		---	70.94		71.85	---	---	71.85	71.40		---	---
3		---	70.92		71.84	---	---	71.85	71.38		---	---
4		---	---		---	72.10	---	71.84	71.36		---	---
5		---	---		71.84	---	---	71.80	71.34		---	---
6		---	---		---	---	---	71.78	71.33		---	---
7		---	---		---	---	---	71.75	71.31		---	---
8		---	---		72.02	---	---	71.73	---		---	---
9		---	70.88		---	---	---	71.72	---		---	---
10		---	70.86		---	---	---	---	---		---	---
11		---	70.83		72.00	---	---	---	---		---	72.70
12		---	---		---	---	---	---	---		---	---
13		71.17	---		72.16	---	---	---	---		---	---
14		---	---		---	72.07	72.07	---	---		---	---
15		---	---		72.16	---	72.18	---	---		72.39	---
16		71.12	---		72.16	---	---	---	---		---	---
17		71.11	---		---	---	---	---	---		---	72.57
18		71.10	---		72.17	---	---	71.68	---		---	---
19		71.08	---		---	---	---	71.66	---		---	---
20		71.07	---		72.21	---	---	71.64	---		---	---
21		71.07	---		---	---	---	71.62	---		---	---
22		71.04	---		72.20	---	---	71.61	---		---	---
23		71.00	---		---	---	---	71.59	---		---	---
24		---	71.12		---	---	---	71.56	---		---	---
25		---	---		---	---	72.02	71.54	---		---	---
26		---	---		---	---	71.99	71.53	---		---	---
27		70.94	---		---	---	71.96	71.48	---		---	---
28		70.93	---		---	---	71.94	71.45	---		---	---
29		70.92	71.08		---	---	71.92	71.41	---		---	---
30		---	71.07		---	---	71.89	71.40	---		---	---
31		---	---		---	---	---	71.39	---		---	---
MEAN		---	---	---	---	---	---	---	---		---	---
MAX		---	---	---	---	---	---	---	---		---	---
MIN		---	---	---	---	---	---	---	---		---	---

SUWANNEE AND AUCILLA RIVERS

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE BASIN

02320200 Townsend Pond near Mayo, Fla.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---				---		---
2	---	---	71.80	---	---	---				---		---
3	72.36	---	---	---	---	71.82				---		71.02
4	---	---	---	---	---	---				---		---
5	---	---	---	---	72.08	---				---		---
6	---	---	---	---	---	---				---		---
7	---	72.12	---	71.94	---	---				---		---
8	---	---	---	---	---	---				---		---
9	---	---	---	---	---	---				---		---
10	---	---	---	---	---	---				---		---
11	---	---	---	---	---	---				---		---
12	---	---	---	---	---	---				---		---
13	---	---	---	---	---	---				---		---
14	---	---	---	---	---	---				71.06		---
15	---	---	---	---	---	---				---		---
16	72.33	---	71.76	---	---	---				---		---
17	---	---	---	---	---	---				---		---
18	---	---	---	---	---	---				---		---
19	---	---	---	---	---	---				---		---
20	---	---	---	---	---	---				---		---
21	---	---	---	---	---	---				---		---
22	---	---	---	---	---	---				---		---
23	---	---	---	---	---	---				---		---
24	---	---	---	---	---	---				---		---
25	---	---	---	---	---	---				---		---
26	---	---	---	---	---	---				---		---
27	---	---	---	---	---	---				---		---
28	---	---	---	---	---	---				---		---
29	---	---	---	---	---	---				---		---
30	---	---	---	---	---	---				---		---
31	---	---	---	---	---	---				---		---
MEAN	---	---	---	---	---	---				---		---
MAX	---	---	---	---	---	---				---		---
MIN	---	---	---	---	---	---				---		---

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

02320275 Low Lake near Wellborn, Fla.

LOCATION.--Lat 30°13'16", long 82°50'14", in SW¼ sec.17, T.3S., R.15E., Suwannee County, Hydrologic Unit 03110205, on west shore on private dock, 1.0 mi (1.6 m) southwest of Wellborn.

SURFACE AREA.--69 acres, 0.11 m² (0.29 km²).

DRAINAGE AREA.--2.89 mi² (7.49 km²).

PERIOD OF RECORD.--November 1974 to September 1975 (fragmentary); October 1975 to September 1976 (weekly, incomplete).

GAGE.--Nonrecording gage. Datum of gage is 143.80 ft (43.830 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Current year: Maximum daily elevation, 148.60 ft (45.293 m) May 16; minimum daily, 147.60 ft (44.988 m) July 25.
Period of record: Maximum daily elevation, 148.86 ft (45.373 m) Sept. 11, 1975; minimum daily, 147.60 ft (44.988 m) July 25, 1976.

REMARKS.--Lake is landlocked.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	148.28	---	---	---	---	---		---
2	---	---	---	---	---	---	---	147.96	---	---		---
3	---	---	---	148.02	---	---	148.10	---	---	---		---
4	147.86	---	---	---	---	147.88	---	---	---	---		---
5	---	148.04	148.00	---	148.26	---	---	---	---	148.08		148.16
6	---	148.04	---	---	---	---	---	---	148.14	---		---
7	---	---	---	148.20	---	---	---	---	---	148.04		---
8	---	---	---	---	---	---	---	---	---	---		---
9	148.56	---	---	---	---	---	---	---	---	---		---
10	---	---	---	148.08	---	---	---	---	---	---		---
11	---	---	---	---	---	148.28	148.06	---	---	---		---
12	---	---	148.02	---	---	---	---	---	---	147.88		148.26
13	---	148.30	---	---	148.08	---	---	---	---	---		---
14	---	---	---	---	---	---	---	---	---	---		---
15	---	---	---	---	---	---	---	---	---	---		---
16	148.48	---	---	---	---	---	---	148.60	---	---		---
17	---	---	---	148.14	---	---	---	---	147.86	---		---
18	---	---	---	---	---	148.24	147.96	---	---	---		---
19	---	---	---	---	148.04	---	---	---	---	---		148.06
20	---	148.12	147.98	---	---	---	---	---	147.82	---		---
21	---	---	---	---	---	---	---	---	---	---		---
22	---	---	---	---	---	---	---	---	---	---		---
23	148.18	---	---	---	---	---	---	148.50	---	---		---
24	---	---	---	148.06	---	---	---	---	---	---		---
25	---	---	---	---	---	---	147.82	---	---	147.60		---
26	---	---	148.06	---	---	---	---	---	---	---		---
27	---	---	---	---	---	---	---	---	147.88	---		---
28	---	148.02	---	---	147.92	148.18	---	---	---	---		---
29	---	---	---	---	---	---	---	---	---	---		---
30	148.02	---	---	---	---	---	---	148.18	---	---		---
31	---	---	---	---	---	---	---	---	---	148.14		---
MEAN	---	---	---	---	---	---	---	---	---	---		---
MAX	---	---	---	---	---	---	---	---	---	---		---
MIN	---	---	---	---	---	---	---	---	---	---		---

SANTA FE RIVER BASIN

02320600 Santa Fe Lake near Keystone Heights, Fla.

LOCATION.--Lat 29°45'38", long 82°04'30", in NW¼ sec.35, T.8 S., R.22 E., Bradford County, Hydrologic Unit 03110206, on north shore of lake, on west side of private dock, 3.1 mi (5.0 km) southwest of Keystone Heights.

SURFACE AREA.--5,299 acres, 8.28 mi² (21.45 km²), open water only, includes Little Santa Fe Lake.

DRAINAGE AREA.--20.9 mi² (54.1 km²), includes Little Santa Fe Lake.

PERIOD OF RECORD.--July 1957 to Janaury 1958; February 1958 to June 1961 and October to December 1961 (about thrice weekly), July 1961 to September 1961 (weekly), January 1962 to September 1965 (fragmentary), October 1965 to current year (weekly), incomplete. Published since October 1960.

GAGE.--Nonrecording gage. Datum of gage is 132.22 ft (40.301 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Current year: Maximum daily elevation, 141.04 ft (42.989 m) Feb. 10; minimum daily, 139.62 ft (42.556 m) Apr. 27.
Period of record: Maximum daily elevation, 142.62 ft (43.471 m) Mar. 23, 25, 1959; minimum daily, 138.44 ft (42.197 m) July 11-14, 1957.
Maximum elevation since 1946, 143.9 ft (43.86 m), furnished by the Department of Transportation, from information by local residents.

REMARKS.--Lake is at the headwaters of the Santa Fe River.

REVISIONS.--WRD Fla. 1968: Surface area, drainage area.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	140.22	---	---	---
2	---	---	140.72	---	---	---	---	---	---	---	---	---
3	---	---	---	---	140.42	140.62	---	---	---	---	140.37	---
4	---	140.52	---	---	---	---	---	139.82	---	---	---	---
5	---	140.53	---	---	---	---	---	---	---	---	---	---
6	---	---	---	140.42	---	---	---	---	---	140.32	---	---
7	140.76	---	---	---	---	---	140.02	---	---	---	---	139.98
8	---	---	---	140.42	---	---	---	---	140.22	---	---	---
9	---	---	140.22	---	---	---	---	---	---	---	---	---
10	---	---	---	---	141.04	---	---	---	---	---	140.22	---
11	---	140.52	---	---	---	140.22	---	139.82	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	140.38	---	---	139.70	---	---	140.32	---	---
14	140.72	---	---	---	---	---	---	---	---	---	---	140.12
15	---	---	---	---	---	---	---	---	139.68	---	---	---
16	---	---	140.22	---	---	---	---	---	---	---	---	---
17	---	---	---	---	140.32	139.72	---	---	---	---	140.12	---
18	---	140.42	---	---	---	---	---	139.82	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	140.38	---	---	139.68	---	---	140.32	---	---
21	140.74	---	---	---	---	---	---	---	---	---	---	140.07
22	---	---	---	---	---	139.72	---	---	140.12	---	---	---
23	---	---	140.20	---	---	---	---	---	---	---	---	---
24	---	---	---	---	140.32	---	---	---	---	---	140.02	---
25	---	140.42	---	---	---	---	---	140.17	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	140.32	---	---	139.62	---	---	140.38	---	---
28	140.72	---	---	---	---	---	---	---	---	---	---	140.07
29	---	---	---	---	---	139.70	---	---	140.22	---	---	---
30	---	---	140.32	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	139.92	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

SANTA FE RIVER BASIN

02320630 Lake Altho at Waldo, Fla.

LOCATION.--Lat 29°47'19", long 82°09'41", in NW¼ sec.24, T.8 S., R.21 E., Alachua County, Hydrologic Unit 03110206, on dock at head of canal on northwest shore of lake, 0.4 mi (0.6 km) east of Waldo, and 5.3 mi (8.5 km) southwest of Hampton.

SURFACE AREA.--555 acres, 0.87 mi² (2.25 km²).

DRAINAGE AREA.--3.39 mi² (8.78 km²).

PERIOD OF RECORD.--March 1976 to September 1976.

GAGE.--Nonrecording gage. Datum of gage is 126.06 ft (38.423 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Maximum daily elevation during period March 1976 to September 1976, 143.92 ft (43.867 m) July 1; minimum daily, 143.26 ft (43.666 m) May 7.

REMARKS.--Lake interconnects with Santa Fe Lake (02320600) through Santa Fe Canal on southeast end of lake.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						---	143.60	143.36	143.72	143.92	143.76	143.60
2						---	143.58	143.36	143.70	143.90	143.74	143.58
3						---	143.56	143.34	143.70	143.88	143.74	143.60
4						---	143.54	143.32	143.72	143.86	143.72	143.62
5						---	143.54	143.32	143.74	143.84	143.72	143.62
6						---	143.52	143.30	143.72	143.82	143.70	143.64
7						---	143.56	143.26	143.70	143.80	143.70	143.64
8						---	143.60	143.34	143.68	143.78	143.72	143.66
9						---	143.62	143.36	143.68	143.76	143.72	143.64
10						---	143.62	143.36	143.66	143.80	143.74	143.62
11						---	143.60	143.36	143.66	143.78	143.74	143.62
12						---	143.58	143.34	143.64	143.78	143.76	143.64
13						---	143.56	143.32	143.64	143.76	143.74	143.68
14						---	143.54	143.32	143.64	143.76	143.72	143.70
15						143.74	143.54	143.56	143.62	143.74	143.70	143.70
16						143.74	143.54	143.58	143.60	143.74	143.68	143.68
17						143.72	143.52	143.58	143.66	143.72	143.66	143.66
18						143.68	143.50	143.54	143.66	143.74	143.64	143.64
19						143.66	143.50	143.52	143.68	143.72	143.64	143.64
20						143.65	143.48	143.50	143.68	143.70	143.66	143.66
21						143.65	143.49	143.48	143.64	143.70	143.66	143.66
22						143.65	143.46	143.46	143.66	143.68	143.64	143.64
23						143.62	143.44	143.60	143.88	143.72	143.62	143.62
24						143.61	143.44	143.62	143.82	143.74	143.60	143.60
25						143.61	143.42	143.64	143.82	143.76	143.60	143.58
26						143.61	143.42	143.66	143.80	143.78	143.58	143.56
27						143.59	143.40	143.64	143.76	143.80	143.56	143.54
28						143.59	143.40	143.66	143.74	143.82	143.54	143.52
29						143.60	143.38	143.62	143.84	143.84	143.54	143.52
30						143.62	143.38	143.62	143.90	143.82	143.56	143.54
31						143.61	---	143.60	---	143.78	143.58	---
MEAN				---		---	143.51	143.47	143.71	143.78	143.67	143.62
MAX				---		---	143.62	143.66	143.90	143.92	143.76	143.70
MIN				---		---	143.38	143.26	143.60	143.68	143.54	143.52

SANTA FE RIVER BASIN

02320750 Lake Sampson near Starke, Fla.

LOCATION.--Lat 29°56'11", long 82°10'15", in NE¼ sec.35, T.6 S., R.21 E., Bradford County, Hydrologic Unit 03110206, on northeast shore at end of canal, 2.7 mi (4.3 km) northeast of Sampson City, and 3.7 mi (6.0 km) southwest of Starke. Prior to November 13, 1974, 2.2 mi (3.5 km) southwest.

SURFACE AREA.--2,071 acres (3.24 mi², 8.38 km²).

DRAINAGE AREA.--59.3 mi² (153.6 km²).

PERIOD OF RECORD.--July 1957 to September 1960 (thrice weekly), October 1960 to August 1965 (fragmentary), September 1965 to September 1967 (weekly). November 1974 to current year (weekly), incomplete. Published since 1960.

GAGE.--Nonrecording gage. Datum of gage is 127.49 ft (38.859 m) above mean sea level. July 1957 to September 1967, at site 2.2 mi (3.5 km) southwest at datum 1.23 ft (0.37 m) lower. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Current year: Maximum daily elevation, 132.39 ft (40.352 m) Oct. 9; minimum daily, 130.29 ft (39.712 m) Mar. 28.
Period of record: Maximum daily elevation, 136.15 ft (41.499 m) Mar. 23, 1959; minimum daily, 130.22 ft (39.691 m) June 6, 1962.

REMARKS.--Outflow from lake is through Sampson River to Santa Fe River. Lake level partially controlled by concrete spillway culverts and lift gages 0.5 mi (0.8 km) downstream from mouth. Prior to 1973, 12-inch drainage well on north side of lake to ground water was capped.

REVISIONS.--WRD Fla. 1974: Drainage area.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	130.89	---	---	131.19	---	---	---	---	---	130.97	---
2	---	---	---	---	---	---	---	130.49	---	---	---	---
3	---	---	---	130.89	---	130.76	---	---	---	---	---	---
4	---	---	---	---	---	---	130.49	---	---	---	---	130.71
5	---	130.79	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	130.99	131.19	---	---
7	---	---	130.59	---	131.29	130.69	---	---	---	---	---	---
8	---	130.79	---	130.99	---	---	---	---	---	---	131.03	---
9	132.39	---	---	---	---	---	---	130.45	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	132.24	---	---	130.99	---	---	130.49	---	---	131.09	---	130.94
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	130.87	---	---	---
14	---	---	130.67	---	---	130.49	---	---	---	---	---	---
15	---	130.99	---	---	131.09	---	---	---	---	---	130.91	---
16	---	---	---	---	---	---	---	130.69	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	131.79	---	---	130.99	---	---	130.49	---	---	131.09	---	130.99
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	130.85	---	---	---
21	---	---	130.53	---	---	130.49	---	---	---	---	---	---
22	---	130.99	---	---	130.99	---	---	---	---	---	130.85	---
23	---	---	---	---	---	---	---	130.92	---	---	---	---
24	---	---	---	130.89	---	---	---	---	---	---	---	---
25	131.19	---	---	---	---	---	130.49	---	---	130.99	---	131.27
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	130.95	---	---	---
28	---	---	130.53	---	---	130.29	---	---	---	---	---	---
29	---	130.79	---	---	130.79	---	---	---	---	---	130.73	---
30	---	---	---	---	---	---	---	130.99	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

SUWANNEE AND AUCILLA RIVERS

SANTA FE RIVER BASIN

02321300 Lake Butler at Lake Butler, Fla.

LOCATION.--Lat 30°01'38", long 82°20'18", in SE¼ sec.30, T.5 S., R.20 E., Union County, Hydrologic Unit 03110206, on south shore of lake at public park in Lake Butler.

SURFACE AREA.--437 acres, 0.68 mi^2 (1.77 km^2).

DRAINAGE AREA.--3.94 mi^2 (10.2 km^2).

PERIOD OF RECORD.--July 1957 to September 1961; October 1961 to September 1965 (fragmentary); October 1965 to September 1967 (weekly), incomplete. November 1974 to current year (weekly), incomplete. Published since October 1960.

GAGE.--Nonrecording gage. Datum of gage is 127.35 ft (38.816 m) above mean sea level. July 1957 to September 1967 at same site at datum 3.41 ft (1.039 m) lower.

EXTREMES.--Current year: Maximum daily elevation, 131.65 ft (79.867 m) Oct. 4; minimum daily, 130.10 ft (39.654 m) June 18, 25.
Period of record: Maximum daily elevation, 134.02 ft (40.849 m) Sept. 13, 1964; minimum daily, 128.93 ft (39.298 m) Nov. 16, 1962.

REMARKS.--Lake is partially controlled by temporary wooden dam. Outflow from lake is through a run to Butler Creek, thence to New River.

REVISIONS.--WRD Fla. 1975: Drainage area.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	130.85	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	130.15	---	130.75
3	---	---	---	---	---	130.81	130.55	---	130.35	---	---	---
4	131.65	---	---	---	---	---	---	---	---	---	---	---
5	---	130.97	130.70	---	---	130.70	---	---	---	---	---	---
6	---	---	---	---	131.10	---	---	---	---	---	130.60	---
7	---	131.05	---	---	---	---	---	130.15	---	---	---	---
8	---	---	---	130.89	---	---	---	---	---	---	---	---
9	---	---	---	130.85	---	---	130.55	---	---	130.35	---	---
10	131.55	---	---	---	---	---	---	---	---	---	---	130.75
11	---	---	---	---	---	---	---	---	130.25	---	---	---
12	---	---	130.80	---	---	130.75	---	---	---	---	---	---
13	---	---	---	---	130.95	---	---	---	---	---	130.80	---
14	---	130.95	---	---	---	---	---	130.15	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	130.85	---	---	130.50	---	---	130.30	---	---
17	131.35	---	---	---	---	---	---	---	---	---	---	130.75
18	---	---	---	---	---	---	---	---	130.10	---	---	---
19	---	---	130.75	---	---	130.65	---	---	---	---	---	---
20	---	---	---	---	130.85	---	---	---	---	---	130.75	---
21	---	130.85	---	---	---	---	---	130.25	---	---	---	---
22	---	---	---	---	---	---	---	---	---	130.35	---	---
23	---	---	---	130.80	---	---	130.45	---	---	---	---	---
24	131.25	---	---	---	---	---	---	---	---	---	---	130.75
25	---	---	---	---	---	---	---	---	130.10	---	---	---
26	---	---	130.65	---	---	130.60	---	---	---	---	---	---
27	---	---	---	---	130.75	---	---	---	---	---	130.70	---
28	---	130.75	---	---	---	---	---	130.35	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	130.85	---	---	130.35	---	---	---	---	---
31	130.85	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

WACCASASSA RIVER AND COASTAL AREA BETWEEN WITHLACOOCHEE AND SUWANNEE RIVERS

02322550 Waters Lake near Trenton, Fla.

LOCATION.--Lat 29°42'31", long 82°43'59", in NW¼ sec.17, T.9S., R.16E., Gilchrist County, Hydrologic Unit 03110206, on north shore of lake near end of private dock, 8.2 mi (13.2 km) northeast of Trenton.

SURFACE AREA.--183 acres, 0.29 mi² (0.74 km²).

DRAINAGE AREA.--15.7 mi² (40.7 km²).

PERIOD OF RECORD.--July 1972 to current year (weekly).

GAGE.--Nonrecording gage. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum daily elevation, 71.68 ft (21.848 m) Dec. 26, minimum daily, 64.90 ft (19.782 m) May 9.
Period of record: Maximum daily elevation, 74.68 ft (22.762 m) Apr. 8, 1973; minimum daily, 63.70 ft (19.416 m) Dec. 8, 1974.

REMARKS.--Concrete control at lake outlet at elevation 73.4 ft (22.37 m). There is some pumpage from lake for irrigation purposes.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	66.78	---
2	---	68.68	---	---	67.46	---	---	65.22	---	---	---	68.81
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	67.66	---	---	65.80	---	---	66.62	---	---
5	67.94	---	---	---	---	---	---	---	---	---	---	68.88
6	---	---	---	---	---	---	---	---	65.26	---	---	---
7	---	68.65	67.90	---	---	66.70	---	---	---	---	---	---
8	---	---	---	67.65	67.46	---	---	---	---	---	67.80	---
9	---	68.64	---	---	---	---	---	64.90	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	67.66	---	---	65.78	---	---	66.98	---	---
12	67.82	---	---	---	---	---	---	---	---	---	---	70.60
13	---	---	---	---	---	---	---	---	65.08	---	---	---
14	---	---	67.70	---	---	66.48	---	---	---	---	---	---
15	---	---	---	---	67.26	---	---	---	---	---	68.46	---
16	---	68.50	---	---	---	---	---	65.08	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	67.64	---	---	65.52	---	---	66.78	---	---
19	68.44	---	---	---	---	---	---	---	65.14	---	---	71.48
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	67.54	---	---	66.24	---	---	---	---	---	---
22	---	---	---	---	67.12	---	---	---	---	---	68.66	---
23	---	68.32	---	---	---	---	---	65.36	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	67.40	---	---	65.36	---	---	66.72	---	---
26	68.64	---	---	---	---	---	---	---	---	---	---	71.68
27	---	---	---	---	---	---	---	---	65.28	---	---	---
28	---	---	67.44	---	---	66.10	---	---	---	---	---	---
29	---	---	---	---	66.72	---	---	---	---	---	68.68	---
30	---	68.12	---	---	---	---	---	65.44	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

SANTA FE RIVER BASIN

02322600 Alligator Lake at Lake City, Fla.

LOCATION.--Lat 30°09'25", long 82°38'28", in NE¼ sec.5, T.4 S., R.17 E., Columbia County, Hydrologic Unit 03110206, west side of southern portion of lake, 2.0 mi (3.2 km) south of Lake City. Prior to October 1, 1974, 2 mi (3.2 km) northeast.

SURFACE AREA.--348 acres, 0.54 mi² (1.41 km²).

DRAINAGE AREA.--15.4 mi² (39.9 km²).

PERIOD OF RECORD.--September 1965 to May 1967 (weekly), June 1967 to September 1972 (fragmentary), October 1972 to current year (weekly), incomplete.

GAGE.--Nonrecording gage. Datum of gage is 87.18 ft (26.573 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level. Prior to Oct. 1, 1974, at site 2 mi (3.2 km) northeast at same datum.

EXTREMES.--Current year: Maximum daily elevation, 97.58 ft (29.742 m) Oct. 1, occurred on recession following crest of Sept. 23, 1975; minimum daily, 93.66 ft (28.548 m) Sept. 27.
Period of record: Maximum daily elevation, 99.98 ft (30.474 m) Mar. 1, 1966; minimum daily, 90.23 ft (27.502 m) Apr. 29, 1968.

REMARKS.--Lake has several contributing creeks but no surface outlet; below about 95 ft (29 m) elevation, lake is separated into several small ponds.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	97.58	---	---	---	---	---	---	---	---	94.14	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	94.05	---	93.74	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	96.36	---	---	---	94.04	---	---	---	---	---	---
6	---	---	---	94.46	---	---	---	---	---	---	93.78	---
7	---	---	---	---	---	---	94.04	---	---	94.14	---	93.82
8	---	---	---	94.48	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	97.18	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	94.24	---	---	---	---	---	---	---
12	---	---	---	94.42	---	---	---	---	---	---	93.78	---
13	---	---	---	---	---	---	---	---	---	94.14	---	---
14	---	---	---	---	94.28	---	93.88	---	---	---	---	93.80
15	---	---	---	---	---	---	---	---	---	94.04	---	---
16	---	95.94	---	---	---	---	---	93.74	---	---	---	---
17	---	---	94.62	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	94.18	---	---	---	---	---	93.84	---
21	---	---	---	---	---	---	---	93.94	---	---	---	---
22	---	---	---	94.28	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	96.88	95.56	---	---	---	94.14	---	---	94.06	---	---	93.70
25	---	95.48	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	94.32	---	---	93.76	93.66
28	---	---	---	---	94.12	---	---	---	---	93.80	---	---
29	---	---	---	---	---	---	93.80	---	---	---	---	---
30	---	---	94.52	94.22	---	94.12	---	---	94.10	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER

EXCLUDING SANTA FE RIVER BASIN

02323300 Governor Hill Lake near Old Town, Fla.

LOCATION.--Lat 29°45'08", long 83°02'18", in SE¼ sec.29, T.8 S., R.13 E., Dixie County, Hydrologic Unit 03110205, on south shore of lake 10 ft (3.0 m) north of private dock, 9.8 mi (15.8 km) northeast of Cross City and 10.2 mi (16.4 km) northwest of Old Town.

SURFACE AREA.--153 acres, 0.24 mi² (0.62 km²).

DRAINAGE AREA.--1.61 mi² (4.17 km²).

PERIOD OF RECORD.--November 1974 to September 1976.

GAGE.--Nonrecording gage. Datum of gage is 46.72 ft (14.240 m) above mean sea level. (Levels by Suwannee River Water Management District.) Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Maximum daily elevation during period November 1974 to September 1975, 52.32 ft (15.947 m) Sept. 23; minimum daily, 48.14 ft (14.673 m) Dec. 12.
Current year: Maximum daily elevation, 52.32 ft (15.947 m) Oct. 9, 10, 17, 18; minimum daily, 50.32 ft (15.338 m) May 14.

REMARKS.--Lake is land locked.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	48.32	48.58	49.45	50.02	50.20	50.30	50.32	50.30	51.52	51.46
2		---	48.30	48.56	49.46	50.02	50.20	50.28	50.34	50.28	51.54	51.46
3		---	48.28	48.54	49.50	50.02	50.20	50.26	50.35	50.26	51.53	51.46
4		---	48.26	48.60	49.52	50.04	50.18	50.25	50.34	50.24	51.52	51.45
5		---	48.24	48.61	49.54	50.06	50.16	50.25	50.32	50.22	51.51	51.43
6		---	48.22	48.61	49.56	50.07	50.16	50.23	50.30	50.28	51.50	51.52
7		---	48.21	48.60	49.58	50.07	50.14	50.22	50.32	50.32	51.48	51.52
8		---	48.22	48.59	49.57	50.07	50.12	50.20	50.42	50.30	51.49	51.88
9		---	48.22	48.58	49.57	50.07	50.12	50.21	50.52	50.28	51.50	52.02
10		---	48.19	48.61	49.57	50.07	50.12	50.21	50.52	50.27	51.52	52.08
11		---	48.16	48.78	49.57	50.06	50.38	50.27	50.51	50.29	51.51	52.12
12		---	48.14	48.90	49.57	50.06	50.38	50.28	50.50	50.48	51.51	52.14
13		48.68	48.22	48.98	49.80	50.05	50.38	50.26	50.49	50.80	51.50	52.16
14		48.68	48.23	49.01	49.80	50.05	50.39	50.24	50.49	50.92	51.48	52.16
15		48.64	48.32	49.03	49.80	50.05	50.46	50.25	50.46	50.96	51.48	52.16
16		48.61	48.42	49.03	49.80	50.05	50.47	50.32	50.44	50.97	51.47	52.18
17		48.58	48.43	49.04	49.82	50.06	50.47	50.41	50.41	51.10	51.50	52.20
18		48.56	48.43	49.04	49.82	50.07	50.47	50.40	50.39	51.12	51.52	52.22
19		48.54	48.42	49.13	49.82	50.22	50.47	50.40	50.36	51.12	51.50	52.22
20		48.54	48.48	49.16	49.84	50.22	50.46	50.38	50.35	51.22	51.48	52.26
21		48.51	48.55	49.19	49.88	50.22	50.44	50.36	50.52	51.28	51.47	52.28
22		48.48	48.60	49.20	49.92	50.22	50.43	50.34	50.52	51.30	51.46	52.30
23		48.46	48.58	49.20	49.92	50.22	50.43	50.32	50.50	51.32	51.46	52.32
24		48.43	48.58	49.22	49.94	50.22	50.42	50.30	50.48	51.35	51.44	52.30
25		48.42	48.58	49.30	50.00	50.22	50.41	50.28	50.46	51.35	51.42	52.28
26		48.40	48.58	49.42	50.01	50.21	50.40	50.26	50.44	51.35	51.40	52.26
27		48.35	48.58	49.42	50.02	50.21	50.38	50.24	50.42	51.35	51.38	52.24
28		48.33	48.58	49.43	50.02	50.20	50.36	50.22	50.40	51.37	51.36	52.23
29		48.31	48.58	49.44	---	50.20	50.34	50.34	50.39	51.38	51.34	52.23
30		48.30	48.58	49.44	---	50.19	50.32	50.32	50.39	51.38	51.32	52.23
31		---	48.58	49.45	---	50.19	---	50.30	---	51.42	51.46	---
MEAN	---	---	48.39	48.99	49.74	50.12	50.33	50.29	50.42	50.86	51.47	52.03
MAX	---	---	48.60	49.45	50.02	50.22	50.47	50.41	50.52	51.42	51.54	52.32
MIN	---	---	48.14	48.54	49.45	50.02	50.12	50.20	50.30	50.22	51.32	51.43

02323300 Governor Hill Lake near Old Town, Fla.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.22	52.12	51.84	51.71	51.76	51.50	51.10	50.58	51.49	52.13	51.70	51.47
2	52.22	52.12	51.82	51.70	51.78	51.49	51.08	50.64	51.51	52.15	51.72	51.45
3	52.22	52.10	51.80	51.70	51.77	51.50	51.06	50.62	51.52	52.15	51.74	51.43
4	52.22	52.08	51.79	51.69	51.76	51.49	51.03	50.60	51.72	52.14	51.78	51.42
5	52.26	52.07	51.78	51.68	51.75	51.48	51.00	50.57	51.73	52.13	51.78	51.42
6	52.26	52.06	51.77	51.71	51.74	51.47	50.98	50.54	51.74	52.13	51.78	51.41
7	52.24	52.05	51.76	51.71	51.72	51.45	50.96	50.52	51.74	52.20	51.77	51.46
8	52.26	52.10	51.74	51.72	51.71	51.43	50.94	50.50	51.73	52.20	51.76	51.48
9	52.32	52.09	51.73	51.72	51.71	51.41	50.92	50.47	51.73	52.20	51.74	51.48
10	52.32	52.07	51.72	51.74	51.70	51.40	50.91	50.44	51.72	52.20	51.72	51.47
11	52.30	52.04	51.71	51.74	51.69	51.38	50.88	50.40	51.70	52.18	51.70	51.46
12	52.28	52.04	51.70	51.73	51.68	51.36	50.86	50.36	51.68	52.16	51.68	51.43
13	52.26	52.10	51.69	51.72	51.67	51.33	50.84	50.33	51.66	52.14	51.71	51.43
14	52.24	52.08	51.67	51.71	51.66	51.32	50.82	50.32	51.64	52.12	51.72	51.42
15	52.22	52.06	51.66	51.70	51.64	51.30	50.79	50.72	51.62	52.10	51.72	51.40
16	52.23	52.05	51.64	51.70	51.62	51.30	50.77	50.73	51.60	52.08	51.68	51.38
17	52.32	52.04	51.62	51.69	51.60	51.28	50.74	50.72	51.58	52.06	51.66	51.36
18	52.32	52.02	51.60	51.69	51.58	51.26	50.71	50.72	51.58	52.03	51.63	51.34
19	52.30	52.00	51.58	51.68	51.60	51.24	50.68	50.71	51.62	52.00	51.60	51.32
20	52.28	51.99	51.57	51.67	51.60	51.22	50.66	50.74	51.70	51.98	51.58	51.31
21	52.27	51.97	51.56	51.66	51.58	51.20	50.64	50.74	51.76	51.96	51.56	51.30
22	52.26	51.96	51.54	51.66	51.60	51.18	50.62	50.85	51.80	51.94	51.54	51.30
23	52.25	51.94	51.52	51.65	51.59	51.16	50.60	51.12	51.85	51.93	51.52	51.28
24	52.24	51.92	51.50	51.64	51.58	51.16	50.58	51.21	51.85	51.92	51.50	51.26
25	52.22	51.92	51.49	51.63	51.56	51.15	50.55	51.39	51.84	51.89	51.48	51.24
26	52.22	51.90	51.58	51.62	51.54	51.15	50.69	51.42	51.82	51.86	51.45	51.22
27	52.21	51.89	51.58	51.72	51.53	51.14	50.67	51.45	51.80	51.85	51.42	51.21
28	52.20	51.88	51.57	51.72	51.52	51.16	50.65	51.47	51.82	51.82	51.39	51.19
29	52.18	51.87	51.56	51.71	51.51	51.15	50.62	51.49	52.00	51.79	51.36	51.20
30	52.16	51.86	51.62	51.70	---	51.13	50.60	51.50	52.02	51.76	51.33	51.19
31	52.14	---	51.72	51.68	---	51.12	---	51.50	---	51.72	51.48	---
MEAN	52.2[illegible]	52.01	51.66	51.69	51.65	51.30	50.80	50.82	51.72	52.03	51.62	51.36
MAX	52.32	52.12	51.84	51.74	51.78	51.50	51.10	51.50	52.02	52.20	51.78	51.48
MIN	52.14	51.86	51.49	51.62	51.51	51.12	50.55	50.32	51.49	51.72	51.33	51.19

CAL YR 1975 MEAN 50.85 MAX 52.32 MIN 48.54
WTR YR 1976 MEAN 51.58 MAX 52.32 MIN 50.32

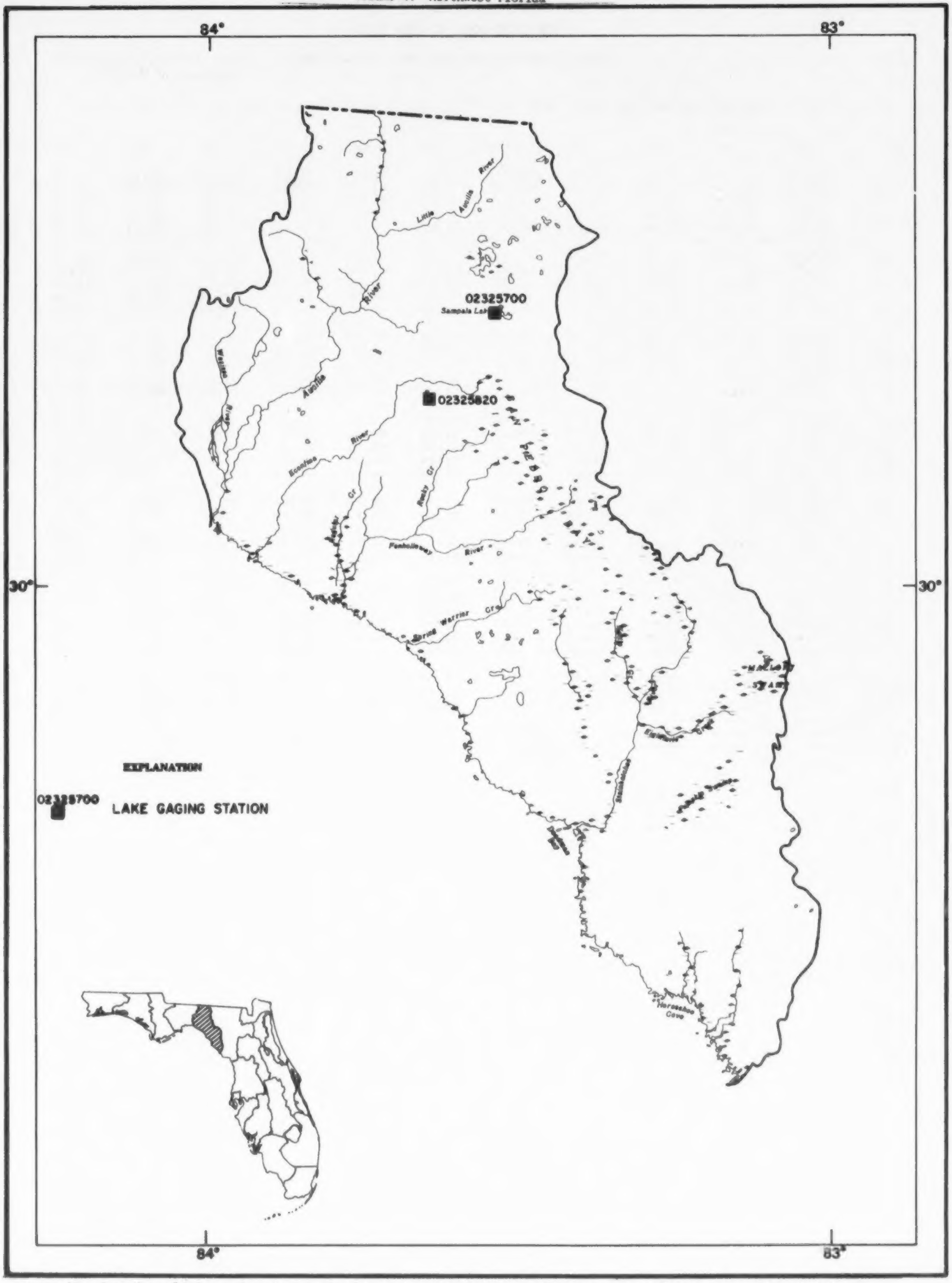
84°
83°
84°
83°
30°
30°
Little Aucilla River
River
Wacissa
River
Aucilla
Econfina River
Cr
Rocky Cr
Fenholloway River
Spring Warrior Cr
02325700
Sampala Lake
02325820
Horseshoe Cove
EXPLANATION
02325700
LAKE GAGING STATION

Figure 12. Location of lake gaging stations in the coastal area between the Suwannee and Aucilla Rivers, and the Aucilla River basin.

COASTAL AREA BETWEEN SUWANNEE AND AUCILLA RIVERS

02325700 Sampala Lake near Greenville, Fla.

LOCATION.--Lat 30°23'03", long 83°32'20", in SE¼ sec.20, T.1S., R.8E., Madison County, Hydrologic Unit 03110102, on west shore of the northwest portion of the lake 8.3 mi (13.4 km) southeast of Greenville, 9.5 mi (15.3 km) southwest of Madison.

SURFACE AREA.--453 acres, 0.71 mi² (1.83 km²).

DRAINAGE AREA.--7.13 mi² (18.5 km²).

PERIOD OF RECORD.--November 1974 to current year (weekly).

GAGE.--Nonrecording gage. Datum of gage is 99.61 ft (30.361 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Current year: Maximum daily elevation, 104.09 ft (31.727 m) Aug. 4; minimum daily, 103.09 ft (31.422 m) Dec. 22.
Period of record: Maximum daily elevation, 104.25 ft (31.775 m) Jan. 23, 1975; minimum daily, 103.09 ft (31.422 m) Dec. 22, 1975.

REMARKS.--Headwaters Sampala Swamp, San Pedro Bay and Econfina River; outlet at south end of lake.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103.45	---	---	103.37	---	---	103.89	---	103.97	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	103.97
3	---	103.24	---	---	---	103.47	---	---	---	---	---	---
4	---	---	103.17	---	103.61	---	---	103.49	---	---	104.09	---
5	---	---	---	103.34	---	---	---	---	---	---	---	---
6	---	103.21	---	103.33	---	---	103.81	---	---	103.91	---	---
7	103.43	---	---	---	---	---	---	---	104.09	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	103.15	---	---	103.93	---	---	---	---	---	103.97
11	---	103.21	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	103.57	---	---	---	---	---	103.95	---
13	---	---	---	---	---	---	103.71	---	---	---	---	---
14	---	---	---	---	---	---	---	103.49	---	---	---	103.91
15	103.37	---	---	103.37	---	---	---	---	103.87	---	---	---
16	---	---	---	---	103.55	103.89	---	---	---	103.83	---	---
17	---	---	103.13	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	103.59	---	---	---	---
20	103.41	103.23	---	---	---	---	103.63	---	---	---	---	---
21	---	---	---	103.37	---	---	---	---	---	---	103.93	---
22	---	---	103.09	---	---	---	---	---	---	---	---	103.79
23	---	---	---	---	---	---	---	---	---	103.71	---	---
24	---	---	---	---	103.51	---	---	104.07	---	---	---	---
25	---	---	---	---	---	103.87	---	---	104.05	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	103.53	---	---	---	103.95	---
28	103.33	103.21	---	---	---	---	---	---	---	---	---	---
29	---	---	103.57	---	---	---	---	---	---	103.65	---	103.75
30	---	---	---	---	---	---	---	---	104.01	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

COASTAL AREA BETWEEN SUWANNEE AND AUCILLA RIVERS

02325820 Andrews Lake near Shady Grove, Fla.

LOCATION.--Lat 30°16'14", long 83°39'03", in NW¼ sec.32, T.2 S., R.7 E., Taylor County, Hydrologic Unit 03110102, on southwest shore, 1.2 mi (1.9 km) southwest of Econfina River, 1.7 mi (2.7 km) southwest of Shady Grove, 2.1 mi (3.4 km) northwest of Lake Bird Community, and 13.4 mi (21.6 km) northwest of Perry.

SURFACE AREA.--44.5 acres, 0.07 mi² (0.18 km²).

DRAINAGE AREA.--0.34 mi² (0.88 km²).

PERIOD OF RECORD.--November 1974 to July 1975 (weekly) incomplete, September 1975 to July 1976 (fragmentary).

GAGE.--Nonrecording gage. Datum of gage is 73.19 ft (22.308 m) above mean sea level(levels by Suwannee River Water Management District.) Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Maximum daily elevation during period November 1974 to September 1975, 77.39 ft (23.588 m) Jan. 21; minimum daily, 76.47 ft (23.308 m) Nov. 15.

Current year: Maximum daily elevation, 77.19 ft (23.528 m) Mar. 26, June 30, July 11; minimum daily, 76.81 ft (23.412 m) Nov. 10.

REMARKS.--Lake will interconnect with Nose Lake at high stages, overflow into Econfina River.

ELEVATION, IN FEET, NOVEMBER 1974 TO SEPTEMBER 1975

Nov. 15	76.47	Feb. 18	77.31	Apr. 22	77.37
Jan. 14	77.06	25	77.29	May 6	76.97
21	77.39	Mar. 4	77.31	13	76.95
29	77.33	11	77.29	June 24	76.61
Feb. 5	77.29	18	77.35	July 21	76.63
11	77.25	Apr. 1	77.17	Sept. 24	77.09

ELEVATION, IN FEET, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 10	76.81	Feb. 22	77.09	May 31	77.17
Dec. 1	76.85	Mar. 5	76.94	June 30	77.19
Feb. 5	77.13	26	77.19	July 11	77.19
14	77.05	Apr. 2	76.89		

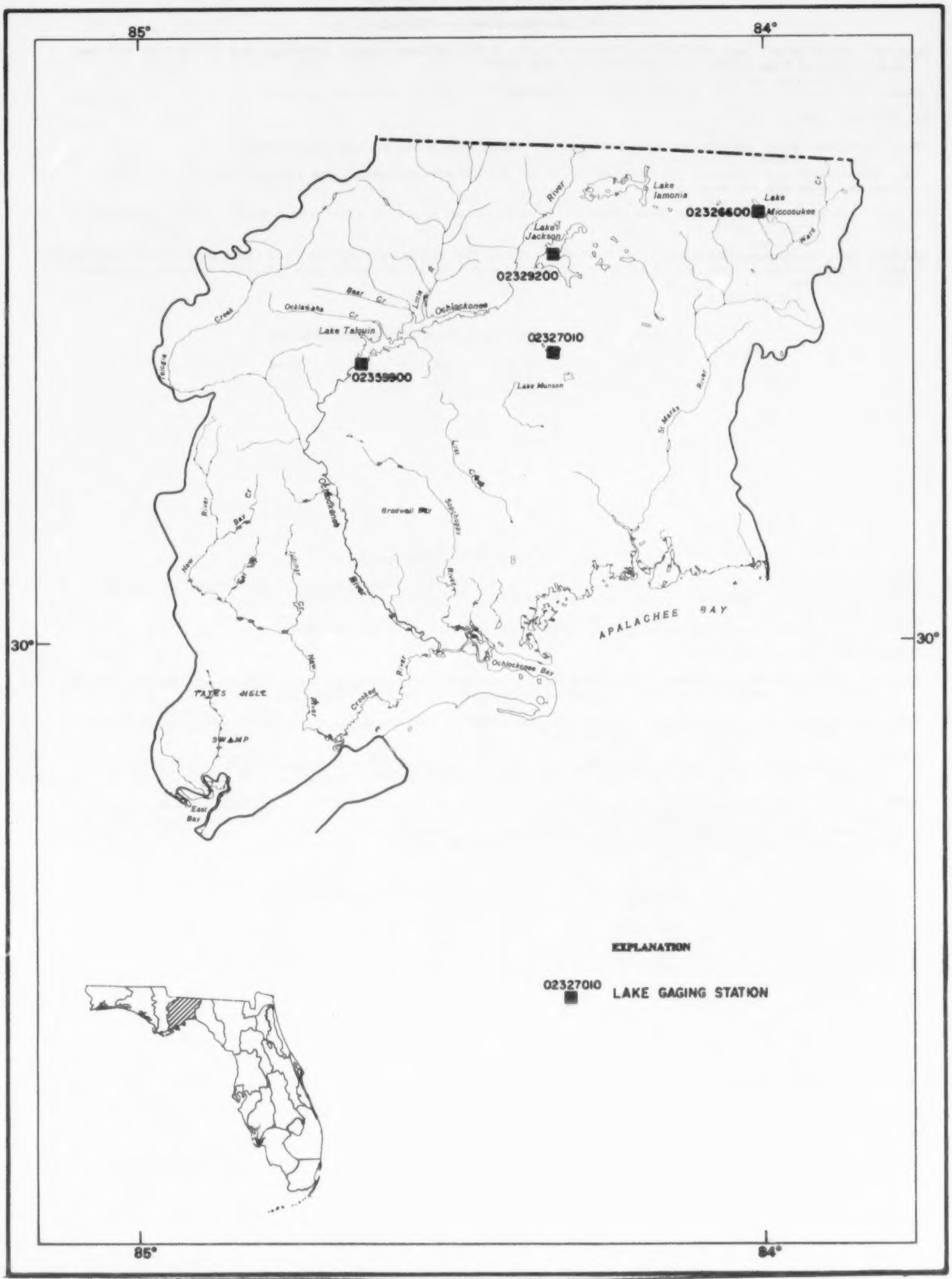
85°
84°
30°
30°
Lake Iamonia
Lake Miccosukee
02326600
Ward
Cr
River
Lake Jackson
02329200
Bear Cr
Ocklawaha Cr
Little R
Ochlockonee
Creek
Telogia
Lake Talquin
02339900
02327010
Lake Munson
St Marks River
Lost Creek
Bradwell Bay
Sopchoppy River
Ochlockonee River
New River
Bay Cr
Cr
Jumper Cr
New River
Crooked River
TATES HELL
SWAMP
East Bay
Ochlockonee Bay
APALACHEE BAY
EXPLANATION
02327010
LAKE GAGING STATION

Figure 13. Location of lake gaging stations in the coastal area between the Aucilla and Ochlockonee Rivers, and in the St. Marks, Wakulla, and Ochlockonee River basins.

ST. MARKS AND WAKULLA RIVERS AND COASTAL AREA BETWEEN AUCILLA RIVER AND OCHLOCKONEE RIVERS

02326600 Lake Miccosukee near Miccosukee, Fla.

LOCATION.--Lat 30°36'14", long 84°00'15", in NW¼ sec.2, T.2N., R.3E., Jefferson County, Hydrologic Unit 03120001, at fish camp on west shore of lake, 2.3 mi (3.7 km) northeast of Miccosukee.

SURFACE AREA.--6,312 acres, 9.86 mi^2 (25.54 km^2), at elevation 80 ft (24.4 m) above mean sea level.

DRAINAGE AREA.--240 mi^2 (622 km^2).

PERIOD OF RECORD.--August 1965 to September 1972 (weekly); October 1972 to current year (periodically).

GAGE.--Nonrecording gage. Datum of gage is 66.46 ft (20.257 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Period of record: Maximum daily elevation, 82.64 ft (25.189 m) Apr. 7, 1973; minimum daily, 72.45 ft (22.083 m) Jan. 12, 1972.

REMARKS.--Lake elevation is controlled by two structures. The outflow at the south end has fixed timber pile dam. An earthen dam, with a fixed concrete spillway and an underdrain consisting of a 5 ft (1.5 m) culvert with lift gage, encircles a sinkhole at north end of lake.

ELEVATION, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

Nov.	26..........	79.40	Jun.	07..........	80.84
Feb.	23..........	79.68	Aug.	01..........	81.04
Apr.	01..........	79.76	Aug.	04..........	79.77

02327010 Lake Bradford near Tallahassee, Fla.

LOCATION.--Lat 30°24'10", long 84°20'05", in NE¼ sec.16, T.1S., R.1W., Leon County, Hydrologic Unit 03120001, on east shore of lake at Florida State University dock, 4 mi (6 km) southwest of State Capitol Building, Tallahassee.

SURFACE AREA.--182 acres, 0.28 mi^2 (0.725 km^2) at elevation 31 ft (9.4 m) above mean sea level.

DRAINAGE AREA.--20.6 mi^2 (53.4 km^2).

PERIOD OF RECORD.--February to December 1954, (about weekly); January 1955 to June 1960, (twice monthly), incomplete; July 1960 to November 1961 (monthly); January 1962 to current year (bimonthly). Published since October 1960.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level. Apr. 8, 1955, to Mar. 2, 1956, nonrecording gage at site 600 ft (183 m) northwest at datum 19.53 ft (5.953 m) higher.

EXTREMES.--Current year: Maximum daily elevation, 32.50 ft (9.906 m) Oct. 28, minimum daily, 30.90 ft (9.418 m) May 7.
Period of record: Maximum daily elevation, 37.08 ft (11.302 m) Apr. 5, 1973; minimum daily, 21.00 ft (6.401 m) June 26, 1955.

REMARKS.--Lake is a chain of lakes connected by Bradford Brook. When the lake level is high it is connected with two smaller lakes to the northwest - Lake Hiawatha and Lake Minnehaha. Surface outflow to the northwest is through Bradford Brook into Grassy Lake, thence into Munson Slough, and is controlled by three culverts, elevation 31.7 ft (9.66 m). Loss to ground water through sinkholes on the east shore was reduced by plugging in March 1954.

ELEVATION, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

Oct.	28..........	32.50	Mar.	16..........	32.04
Dec.	11..........	31.26	May	07..........	30.90
Dec.	13..........	31.20	Jul.	12..........	31.76
Dec.	29..........	31.06	Sep.	08..........	31.82

OCHLOCKONEE RIVER

OCHLOCKONEE RIVER BASIN

02329200 Lake Jackson near Tallahassee, Fla.

LOCATION.--Lat 30°32'37", long 84°19'23", in SW¼ sec.27, T.2 N., R.1 W., Leon County, Hydrologic Unit 03120003, on northeast side of lake, 3.0 mi (4.8 km) west of Meridian Road, and 7.4 mi (11.9 km) northwest of Tallahassee.

SURFACE AREA.--4,001 acres, 6.25 mi² (16.19 km²), at elevation 87 ft (26.5 m) above mean sea level.

DRAINAGE AREA.--43.2 mi² (111.9 km²).

PERIOD OF RECORD.--March 1950 to January 1953, March 1954 to January 1957, September 1958 to current year. Published since October 1960.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Mar. 25, 1954 and June 2, 1961 to June 2, 1965, at site 1.9 mi (3.1 km) southwest at various datums. March 25, 1954 to June 1, 1961 at present site at datum 75.00 ft (22.860 m) higher. June 3, 1965 to July 11, 1971, at site 1.9 mi (3.1 km) southwest at present datum.

EXTREMES.--Current year: Maximum daily elevation, 85.45 ft (26.045 m) Oct. 18; minimum daily, 84.35 ft (25.710 m) Sept. 30. Period of record: Maximum daily elevation, 96.53 ft (29.422 m) June 18, 1966 (from recorder range in stage); minimum observed, 75.68 ft (23.067 m) Jan. 4, 1957.

REMARKS.--Lake has no surface outlet. Some outflow from lake through sinkhole area to ground water.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85.33	85.20	84.86	85.07	85.30	85.06	85.09	84.84	85.19	85.29	84.88	84.63
2	85.34	85.18	84.85	85.08	85.32	85.05	85.07	84.85	85.25	85.30	84.86	84.62
3	85.32	85.17	84.84	85.08	85.32	85.03	85.05	84.84	85.30	85.31	84.85	84.62
4	85.30	85.15	84.83	85.07	85.31	85.03	85.04	84.81	85.35	85.30	84.84	84.62
5	85.28	85.14	84.82	85.06	85.31	85.01	85.02	84.79	85.36	85.30	84.82	84.61
6	85.27	85.12	84.80	85.05	85.31	84.83	85.01	84.77	85.34	85.33	84.81	84.60
7	85.30	85.12	84.80	85.04	85.29	84.97	84.80	84.75	85.32	85.34	84.80	84.60
8	85.37	85.15	84.80	85.11	85.28	84.95	84.94	84.76	85.30	85.35	84.79	84.59
9	85.38	85.14	84.81	85.11	85.26	84.97	84.96	84.76	85.29	85.33	84.77	84.58
10	85.38	85.12	84.79	85.10	85.26	84.87	84.94	84.75	85.27	85.32	84.76	84.57
11	85.37	85.11	84.77	85.10	85.24	84.98	84.92	84.73	85.25	85.30	84.74	84.56
12	85.35	85.12	84.76	85.11	85.24	84.97	84.90	84.72	85.23	85.28	84.73	84.54
13	85.34	85.13	84.75	85.11	85.23	84.98	84.88	84.72	85.21	85.26	84.72	84.53
14	85.33	85.10	84.74	85.10	85.22	84.64	84.87	84.73	85.18	85.23	84.72	84.52
15	85.31	85.08	84.73	85.09	85.22	84.93	84.85	84.79	85.15	85.21	84.71	84.51
16	85.29	85.06	84.72	85.08	85.21	84.96	84.83	84.81	85.13	85.19	84.71	84.50
17	85.39	85.05	84.73	85.04	85.20	84.77	84.81	84.84	85.10	85.17	84.71	84.49
18	85.45	85.04	84.71	85.03	85.20	84.97	84.79	84.81	85.08	85.15	84.71	84.47
19	85.43	85.02	84.68	85.03	85.19	84.98	84.77	84.79	85.09	85.13	84.70	84.46
20	85.41	85.02	84.67	85.01	85.18	84.96	84.75	84.77	85.14	85.11	84.70	84.46
21	85.39	84.88	84.64	84.81	85.17	84.94	84.72	84.75	85.15	85.09	84.69	84.46
22	85.38	84.98	84.63	84.92	85.16	84.93	84.70	84.80	85.14	85.06	84.68	84.45
23	85.37	84.95	84.62	84.98	85.15	84.92	84.67	85.00	85.13	85.03	84.67	84.43
24	85.35	84.94	84.61	84.97	85.13	84.91	84.65	85.10	85.12	84.95	84.66	84.42
25	85.33	84.92	84.63	84.97	85.12	84.89	84.63	85.16	85.10	84.97	84.66	84.40
26	85.32	84.91	84.68	85.02	85.11	84.88	84.60	85.17	85.08	84.94	84.66	84.39
27	85.31	84.91	84.67	85.23	85.09	84.99	84.57	85.17	85.10	84.92	84.65	84.37
28	85.30	84.89	84.66	85.26	85.08	85.11	84.55	85.21	85.24	84.91	84.65	84.36
29	85.28	84.88	84.67	85.26	85.07	85.12	84.53	85.21	85.29	84.90	84.64	84.36
30	85.26	84.87	84.75	85.26	---	85.11	84.52	85.19	85.28	84.89	84.64	84.35
31	85.23	---	84.99	85.26	---	85.10	---	85.19	---	84.89	84.64	---
MEAN	85.34	85.05	84.74	85.08	85.21	84.96	84.81	84.89	85.21	85.15	84.73	84.50
MAX	85.45	85.20	84.99	85.26	85.32	85.12	85.09	85.21	85.36	85.35	84.88	84.63
MIN	85.23	84.87	84.61	84.81	85.07	84.64	84.52	84.72	85.08	84.89	84.64	84.35

CAL YR 1975 MEAN 85.03 MAX 85.71 MIN 84.02
WTR YR 1976 MEAN 84.97 MAX 85.45 MIN 84.35

OCHLOCKONEE RIVER

OCHLOCKONEE RIVER BASIN

02329900 Lake Talquin near Bloxham, Fla.

LOCATION.--Lat 30°23'15", long 84°38'45", in SW¼ sec.16, T.1 S., R.4 W., Leon County, Hydrologic Unit 03120003, at left upstream end of Jackson Bluff Dam on Ochlockonee River, 1.0 mi (1.6 km) northwest of Bloxham, and 3.5 mi (5.6 km) downstream from Oklawaha Creek.

SURFACE AREA.--6,850 acres, 10.7 mi² (27.7 km²), at elevation 60.0 ft (18.29 m) above mean sea level, from data furnished by Florida Power Corp.

DRAINAGE AREA.--1,700 mi² (4,400 km²) revised, approximately.

PERIOD OF RECORD.--January 1930 to current year. Monthly contents only for some periods published in WSP 1304.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level(levels by Florida Power Corp.).

EXTREMES.--Current year: Maximum daily contents, 73,800 acre-ft (91.0 hm³) Oct. 10 (elevation, 68.90 ft or 21.001 m); minimum daily, 64,300 acre-ft (79.3 hm³) May 28 (elevation, 67.95 ft or 20.711 m).

Period of record: Maximum daily contents, 99,400 acre-ft (123 hm³) Sept. 22, 1969, elevation 69.05 ft (21.689 m); maximum instantaneous elevation, 71.60 ft (21.824 m) Sept. 22, 1969; minimum daily elevation after January 1930, 48.70 ft (14.844 m) Oct. 22, 23, 1957 (earth embankment breached).

REMARKS.--Lake is formed by concrete dam with riprapped earth embankments. Spillway is equipped with seven taintor gates, each 16 ft (4.9 m) high by 25 ft (7.6 m) wide. Storage began in June 1929; water in lake first reached minimum operating level January 1930. Usable capacity, 69,800 acre-ft (86.1 hm³) between elevations, 60.0 ft (18.29 m), minimum operating level, and 68.5 (20.88 m), top of closed taintor gates. Contents given herein are contents above minimum operating level. Dead storage is unknown.

COOPERATION.--Records furnished by Florida Department of Natural Resources, Division of Recreation and Parks.

REVISIONS.--WSP 1905: Drainage area.

Month-end elevation and contents, water year October 1975 to September 1976

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30	68.10	65,800	-
Oct. 31	68.45	69,300	+3,500
Nov. 30	68.20	66,800	-2,500
Dec. 31	68.50	69,800	+3,000
Calendar year 1975	-	-	+3,500
Jan. 31	68.15	66,300	-3,500
Feb. 29	68.25	67,300	+1,000
Mar. 31	68.30	67,800	+500
Apr. 30	68.15	66,300	-1,500
May 31	68.15	66,300	0
June 30	68.35	68,300	+2,000
July 31	68.35	68,300	0
Aug. 31	68.60	70,800	+2,500
Sept. 30	68.55	70,300	-500
Water year 1975-76			+4,500

OCHLOCKONEE RIVER

OCHLOCKONEE RIVER BASIN

02329900 Lake Talquin near Bloxham, Fla.

ELEVATION. IN FEET ABOVE MEAN SEA LEVEL. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68.20	68.35	68.20	68.50	68.40	68.20	68.20	68.35	68.10	68.15	68.35	68.50
2	68.30	68.30	68.20	68.25	68.40	68.20	68.15	68.40	68.30	68.20	68.45	68.40
3	68.35	68.20	68.20	68.15	68.40	68.20	68.20	68.10	68.20	68.30	68.60	68.20
4	68.40	68.20	68.25	68.15	68.40	68.20	68.20	68.10	68.40	68.45	68.55	68.20
5	68.40	68.20	68.30	68.15	68.25	68.20	68.30	68.10	68.45	68.50	68.40	68.15
6	68.25	68.20	68.30	68.20	68.10	68.20	68.35	68.15	68.10	68.80	68.30	68.10
7	68.20	68.20	68.30	68.20	68.30	68.25	68.35	68.15	68.10	68.40	68.25	68.10
8	68.45	68.20	68.40	68.15	68.30	68.25	68.30	68.40	68.20	68.05	68.20	68.10
9	68.75	68.25	68.40	68.20	68.30	68.40	68.30	68.40	68.30	68.10	68.20	68.10
10	68.90	68.30	68.40	68.30	68.25	68.45	68.30	68.35	68.20	68.15	68.20	68.15
11	68.60	68.35	68.40	68.25	68.30	68.35	68.25	68.30	68.20	68.20	68.15	68.20
12	68.30	68.35	68.40	68.20	68.25	68.30	68.30	68.25	68.20	68.30	68.10	68.20
13	68.15	68.55	68.40	68.15	68.20	68.15	68.30	68.30	68.20	68.40	68.40	68.15
14	68.10	68.60	68.40	68.20	68.15	68.30	68.30	68.25	68.20	68.45	68.40	68.10
15	68.20	68.50	68.35	68.20	68.30	68.30	68.20	68.30	68.15	68.50	68.40	68.00
16	68.30	68.30	68.30	68.20	68.35	68.25	68.10	68.30	68.25	68.40	68.30	68.05
17	68.35	68.20	68.30	68.20	68.30	68.30	68.15	68.35	68.30	68.30	68.30	68.10
18	68.55	68.15	68.30	68.20	68.20	68.25	68.20	68.50	68.30	68.20	68.30	68.10
19	68.55	68.15	68.35	68.25	68.30	68.30	68.20	68.60	68.45	68.15	68.20	68.10
20	68.50	68.15	68.35	68.20	68.30	68.30	68.20	68.50	68.50	68.30	68.15	68.15
21	68.40	68.20	68.35	68.15	68.30	68.35	68.20	68.30	68.60	68.25	68.20	68.15
22	68.20	68.20	68.35	68.20	68.30	68.35	68.20	68.20	68.45	68.20	68.20	68.15
23	68.15	68.20	68.35	68.25	68.40	68.30	68.20	68.30	68.30	68.20	68.20	68.20
24	68.20	68.20	68.40	68.30	68.35	68.30	68.20	68.10	68.20	68.20	68.25	68.20
25	68.35	68.20	68.35	68.35	68.35	68.25	68.20	68.50	68.30	68.20	68.30	68.35
26	68.40	68.20	68.35	68.35	68.30	68.30	68.20	68.60	68.50	68.20	68.30	68.40
27	68.45	68.20	68.30	68.60	68.30	68.35	68.20	68.20	68.55	68.20	68.30	68.40
28	68.50	68.20	68.30	68.40	68.30	68.65	68.20	67.95	68.50	68.20	68.50	68.40
29	68.50	68.20	68.35	68.20	68.25	68.65	68.20	68.40	68.60	68.30	68.45	68.45
30	68.45	68.20	68.40	68.10	---	68.50	68.15	68.45	68.35	68.30	68.40	68.55
31	68.45	---	68.50	68.15	---	68.30	---	68.15	---	68.35	68.60	---
MEAN	68.38	68.26	68.34	68.24	68.30	68.31	68.23	68.30	68.32	68.29	68.32	68.21
MAX	68.90	68.60	68.50	68.60	68.40	68.65	68.35	68.60	68.60	68.80	68.60	68.55
MIN	68.10	68.15	68.20	68.10	68.10	68.15	68.10	67.95	68.10	68.05	68.10	68.00

CAL YR 1975 MEAN 68.25 MAX 68.90 MIN 67.55
WTR YR 1976 MEAN 68.29 MAX 68.90 MIN 67.95

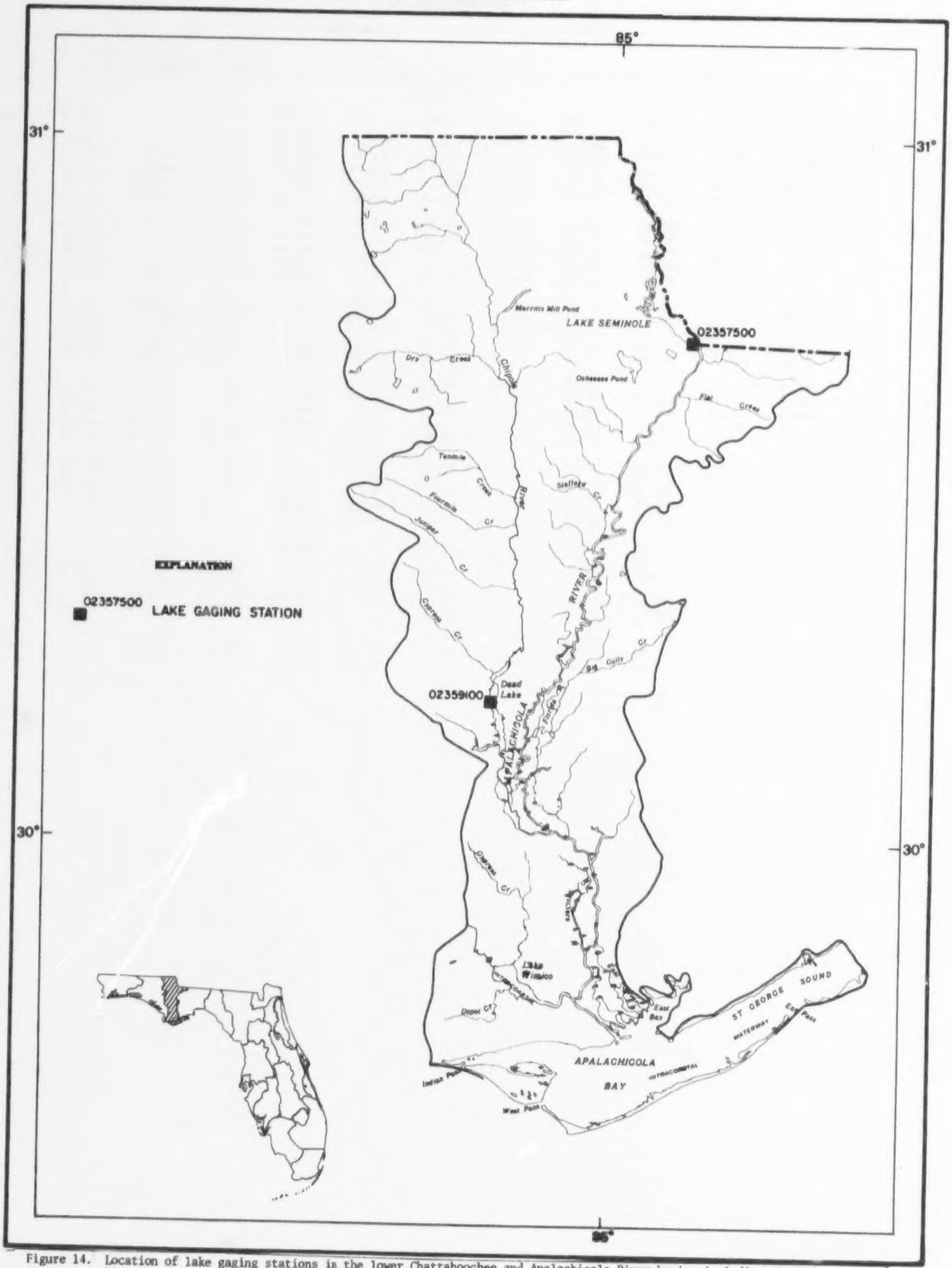
85°
31°
31°
Merritts Mill Pond
LAKE SEMINOLE
02357500
Dry Creek
Chipola
Ocheesee Pond
Flat Creek
Tenmile Creek
Fourmile Cr
Juniper Cr
Stafford Cr
River
RIVER
EXPLANATION
02357500 LAKE GAGING STATION
Cypress Cr
Big Gully Cr
Dead Lake
02359100
APALACHICOLA
30°
30°
Cypress Cr
Lake Wimico
Depot Cr
East Bay
ST GEORGE SOUND
WATERWAY
APALACHICOLA
BAY
INTRACOASTAL
Indian Pass
West Pass
85°

Figure 14. Location of lake gaging stations in the lower Chattahoochee and Apalachicola River basins including the Chipola River basin, coastal areas and offshore islands.

LOWER CHATTAHOOCHEE

02357500 Lake Seminole at Chattahoochee, Fla.

LOCATION.--Lat 30°42'29", long 84°51'56", in NE¼ sec.31, T.4 N., R.6 W., Jackson County, Hydrologic Unit 03130004, on right upstream lock wall of Jim Woodruff Dam on Chattahoochee River, 0.6 mi (1.0 km) upstream from bridge on U.S. Highway 90, and 1.5 mi (2.4 km) northwest of Chattahoochee.

SURFACE AREA.--37,500 acres, 58.6 mi^2 (151.8 km^2), at elevation 77.0 ft (23.47 m) above mean sea level, from data furnihsed by Corps of Engineers.

DRAINAGE AREA.--17,100 mi^2 (44.289 km^2), approximately.

PERIOD OF RECORD.--July 1954 to current year. Prior to October 1959, published as Jim Woodruff Reservoir at Chattahoochee.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Corps of Engineers). Prior to July 22, 1957, nonrecording gage at same site at datum 53.96 ft (16.447 m) higher; gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Current year: Maximum contents, 395,800 acre-ft (488 hm^3) Dec. 19 (elevation, 77.74 ft or 23.695 m); minimum, 375,300 acre-ft (440 hm^3) Jan 26 (elevation, 76.73 ft or 23.387 m).

Period of record: Maximum contents, 433,300 acre-ft (534 hm^3) Apr. 7, 8, 1960, elevation, 78.66 ft (23.975 m); minimum after Feb. 4, 1957, 280,000 acre-ft (345 hm^3) elevation, 74.44 ft (22.689 m).

REMARKS.--Lake is formed by earthfill dam with concrete fixed-crest spillway, a center channel spillway with 16 vertical lift gates 40 ft (12.2 m) long and 20.5 ft (9.30 m) high, and a side channel navigation lock 82 ft (25.0 m) wide. Total capacity at elevation 77.0 ft (23.47 m), normal pool, is 367,320 acre-ft (453 hm^3), of which 36.170 acre-ft (44.6 hm^3) between elevation 77.0 ft (23.47 m) and 76.0 ft (23.10 m) are used for pondage. Gates closed on May 20, 1954; filling of lake accomplished in several stages between that date and Feb. 4, 1957, when the pool first reached normal operating level, elevation 77.0 ft (23.47 m). Figures given herein represent total contents. Lake is used for navigation and power.

COOPERATION.--Records furnished by Corps of Engineers.

REVISIONS (WATER YEARS).--WSP 1554: 1955-57.

Capacity table, water year 1975-76 (Elevation, in feet, and contents, in 1,000 acre-feet)

75.0	297.63	77.0	367.32
76.0	331.15	78.0	406.16

Month-end elevation and contents, water year October 1975 to September 1976

Date	Elevation (feet)+	Contents (acre-feet)	Change in contents (acre-feet)
Sept.30	77.04	368,800	-
Oct. 31	77.37	381,400	+12,600
Nov. 30	77.36	381,000	- 400
Dec. 31	77.40	382,500	+ 1,500
Calendar year 1975	-	-	- 400
Jan. 31	77.69	393,800	+11,300
Feb. 29	77.21	375,300	-18,500
Mar. 31	77.20	374,900	- 400
Apr. 30	77.15	373,000	- 1,900
May 31	77.39	382,100	+ 9,100
June 30	77.44	384,100	+ 2,000
July 31	77.45	384,500	+ 400
Aug. 31	77.34	380,200	- 4,300
Sept.30	77.41	382,900	+ 2,700
Water year 1975-76	-	-	+14,100

+Elevation at 2400.

02357500 Lake Seminole at Chattahoochee, Fla.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	77.15	77.36	77.20	77.41	77.51	77.08	77.24	77.46	77.59	77.58	77.24	77.51
2	77.43	77.01	77.26	77.42	77.47	77.20	77.64	77.60	77.65	77.51	76.97	77.55
3	77.38	76.86	77.39	77.45	77.60	77.34	77.62	77.51	77.56	77.45	77.11	77.58
4	77.34	77.15	77.36	77.43	77.53	77.38	77.55	77.52	77.43	77.44	77.23	77.45
5	77.02	77.29	77.40	77.07	77.36	77.46	77.41	77.53	77.46	77.52	77.35	77.31
6	77.05	77.35	77.50	77.28	77.37	77.56	77.39	77.53	77.58	77.55	77.33	77.13
7	77.31	77.38	77.32	77.38	77.42	77.32	77.38	77.52	77.53	77.51	77.38	77.18
8	77.49	77.29	77.15	77.39	77.28	77.10	77.41	77.44	77.46	77.46	77.30	77.36
9	77.59	77.21	77.27	77.55	77.33	77.22	77.31	77.34	77.46	77.45	77.22	77.49
10	77.53	77.14	77.37	77.54	77.47	77.39	77.38	77.41	77.48	77.50	77.23	77.60
11	77.50	77.34	77.42	77.33	77.42	77.51	77.18	77.29	77.47	77.47	77.28	77.67
12	77.46	77.47	77.41	77.30	77.49	77.54	77.06	77.26	77.45	77.47	77.31	77.39
13	77.26	77.40	77.44	77.55	77.46	77.61	77.34	77.42	77.46	77.48	77.39	77.23
14	77.22	77.44	77.11	77.53	77.49	77.40	77.51	77.52	77.44	77.43	77.40	77.29
15	77.29	77.58	76.92	77.41	77.21	77.18	77.50	77.57	77.43	77.33	77.18	77.38
16	77.34	77.33	77.11	77.33	77.07	77.47	77.48	77.46	77.38	77.38	76.88	77.51
17	77.41	77.18	77.41	77.63	77.26	77.36	77.44	77.66	77.41	77.41	76.93	77.59
18	77.48	77.39	77.47	77.50	77.49	77.37	77.06	77.56	77.51	77.08	77.00	77.62
19	77.34	77.46	77.74	77.18	77.49	77.42	76.86	77.49	77.43	76.82	77.06	77.51
20	77.14	77.41	77.59	77.38	77.37	77.30	77.12	77.47	77.39	76.90	77.10	77.34
21	77.12	77.41	77.17	77.32	77.52	77.42	77.38	77.45	77.35	77.04	77.13	77.44
22	77.30	77.49	76.86	77.34	77.23	77.54	77.46	77.49	77.34	77.20	77.06	77.56
23	77.49	77.19	77.16	77.49	77.06	77.52	77.43	77.40	77.57	77.35	76.94	77.59
24	77.39	77.06	77.28	77.34	77.36	77.52	77.41	77.46	77.66	77.38	77.03	77.63
25	77.44	77.45	77.34	76.93	77.49	77.55	77.22	77.61	77.49	77.13	77.13	77.59
26	77.13	77.48	77.45	76.73	77.48	77.48	76.92	77.28	77.37	76.86	77.22	77.30
27	76.88	77.51	77.33	77.35	77.48	77.54	76.85	77.36	77.35	76.96	77.32	77.12
28	77.07	77.34	77.02	77.54	77.50	77.39	76.94	77.41	77.35	77.08	77.42	77.33
29	77.20	77.58	76.84	77.67	77.21	77.46	77.04	77.32	77.36	77.23	77.34	77.38
30	77.30	77.36	77.22	77.71	---	77.49	77.15	77.31	77.44	77.36	77.16	77.41
31	77.37	---	77.40	77.69	---	77.20	---	77.39	---	77.45	77.34	---
MEAN	77.30	77.33	77.29	77.39	77.39	77.40	77.29	77.45	77.46	77.32	77.19	77.43
MAX	77.59	77.58	77.74	77.71	77.60	77.61	77.64	77.66	77.66	77.58	77.42	77.67
MIN	76.88	76.86	76.84	76.73	77.06	77.08	76.85	77.26	77.34	76.82	76.88	77.12

CAL YR 1975 MEAN 77.34 MAX 77.74 MIN 76.76
WTR YR 1976 MEAN 77.35 MAX 77.74 MIN 76.73

CHIPOLA RIVER BASIN

02359100 Dead Lake near Wewahitchka, Fla.

LOCATION.--Lat 30°11'40", long 85°11'50", in SE¼ sec.25, T.3S., R.10W., Gulf County, Hydrologic Unit 03130012, on west bank 5.2 mi (8.4 km) upstream from outlet, and 5.6 mi (9.0 km) north of Wewahitchka.

SURFACE AREA.--3,663 acres, 5.72 mi² (14.81 km²), at elevation 14 ft (4.3 m) above mean sea level.

DRAINAGE AREA.--1,206 mi² (3,124 km²).

PERIOD OF RECORD.--August 1965 to current year (weekly).

GAGE.--Nonrecording gage read about once weekly. Datum of gage is 6.34 ft (1.932 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Current year: Maximum daily elevation, 21.86 ft (6.663 m) Feb. 5; minimum daily, 17.35 ft (5.288 m) Aug. 20, 23.
Period of record: Maximum daily elevation, 25.44 ft (7.754 m) Apr. 8, 1973; minimum daily, 15.20 ft (4.633 m) Nov. 19, 1974.

REMARKS.--Lake is formed by a low-head, interlocking sheet-pile dam. Outflow from lake controlled by a gate installed July 5, 1974, at south end of lake, above the Chipola cut off.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	---	---	---	---	---	---	---	---	---	
2		---	---	---	---	---	20.04	---	---	---	---	
3		18.54	---	---	---	---	---	---	19.93	---	17.74	
4		---	---	---	---	---	19.98	---	---	---	---	
5		---	---	---	21.86	---	20.72	19.85	---	---	---	
6		---	19.04	19.82	---	---	---	---	---	---	---	
7		---	---	---	---	---	---	---	---	---	---	
8		---	---	---	---	18.66	---	---	---	19.34	---	
9		---	---	---	---	---	---	---	---	---	---	
10		19.24	---	---	---	---	---	---	19.82	---	---	
11		---	---	---	---	---	---	---	---	---	---	
12		---	---	---	20.64	---	---	20.17	---	---	---	
13		---	18.83	19.96	---	---	---	---	---	---	17.46	
14		---	---	---	---	---	---	---	---	---	---	
15		---	18.74	---	---	19.49	---	---	---	19.44	---	
16		---	---	---	---	---	19.89	---	---	---	---	
17		19.44	---	---	20.22	---	---	---	19.74	---	---	
18		---	---	---	---	---	---	---	---	---	---	
19		---	---	---	---	---	---	20.75	---	---	---	
20		---	---	20.06	---	20.15	---	---	---	---	17.35	
21		---	---	---	---	---	---	---	---	---	---	
22		---	---	---	---	---	---	---	---	19.04	---	
23		---	---	---	---	---	19.74	---	---	---	17.35	
24		19.14	18.66	---	---	---	---	---	19.80	---	---	
25		---	---	---	19.96	---	---	---	19.80	---	---	
26		---	---	---	---	---	---	20.92	---	---	---	
27		---	18.52	20.82	---	21.05	---	---	---	18.34	17.26	
28		---	---	---	---	---	---	---	---	---	---	
29		---	---	---	---	---	---	---	---	18.34	---	
30		---	---	---	---	---	19.70	---	---	---	---	
31		---	---	---	---	---	---	---	---	---	---	
MEAN		---	---	---	---	---	---	---	---	---	---	
MAX		---	---	---	---	---	---	---	---	---	---	
MIN		---	---	---	---	---	---	---	---	---	---	

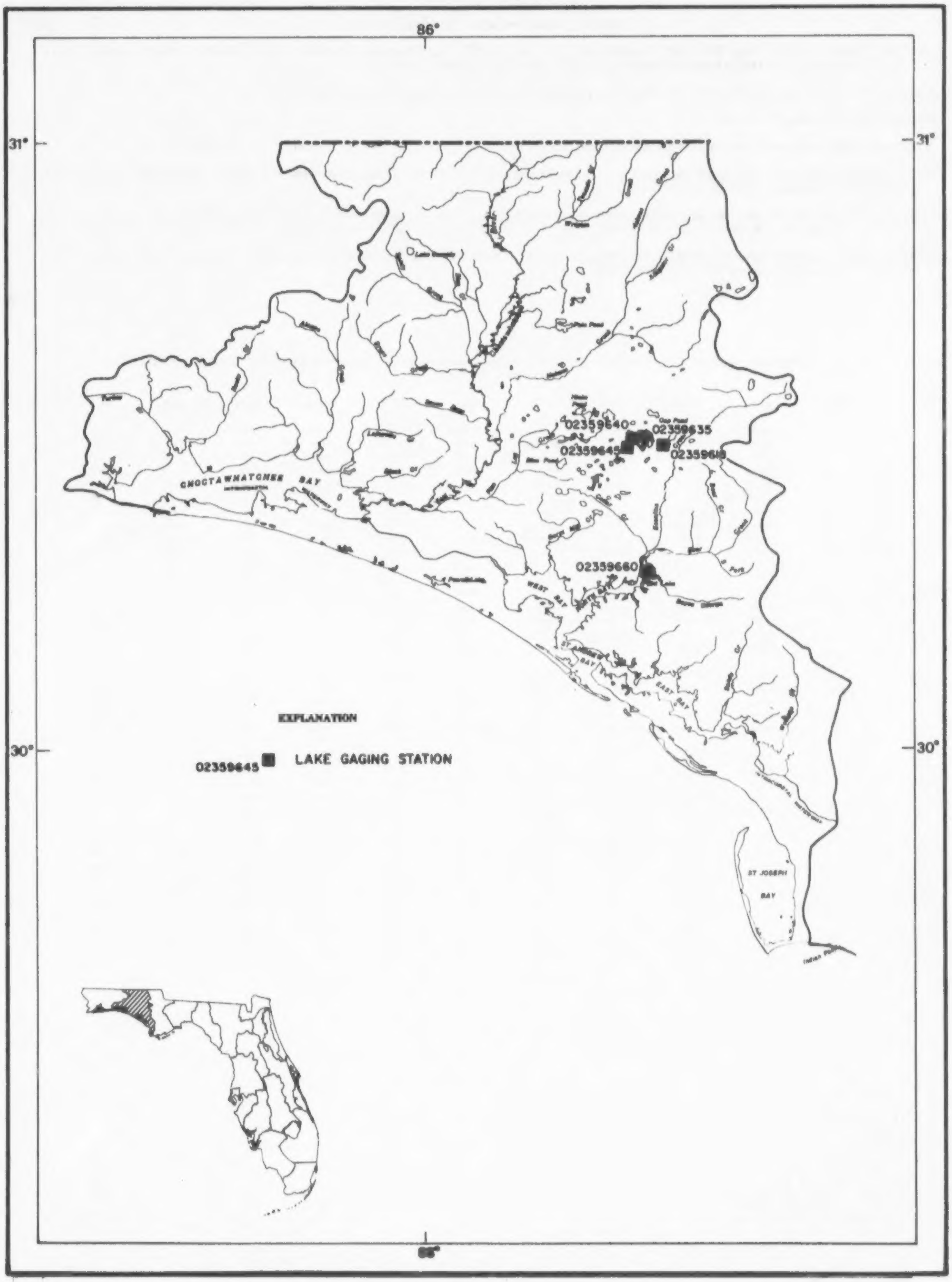
86°
31°
31°
30°
30°
86°
CHOCTAWHATCHEE BAY
WEST BAY
ST ANDREWS BAY
EAST BAY
ST JOSEPH BAY
02359640
02359635
02359645
02359618
02359660
EXPLANATION
02359645 ■ LAKE GAGING STATION

Figure 15. Location of lake gaging stations in the Pea River basin, Choctawhatchee River below Pea River, and inflow to and coastal areas for St. Andrews and Choctawhatchee Bays.

ST. ANDREW BAY, INFLOW AND COASTAL AREA

02359618 Porter Lake near Greenhead, Fla.

LOCATION.--Lat 30°29'50", long 85°33'05", in SW¼ sec.9, T.1 N., R.13 W., Washington County, Hydrologic Unit 03140101, on west shore near southwest end of lake, 6.6 mi (10.6 km) east of Greenhead.

SURFACE AREA.--929 acres, 1.45 mi² (3.75 km²) at elevation 70 ft (21.3 m) above mean sea level.

DRAINAGE AREA.--7.64 mi² (19.79 km²).

PERIOD OF RECORD.--January 1961 to September 1970 (weekly), incomplete; October 1970 to current year (periodically).

GAGE.--Nonrecording gage. Datum of gage is 52.27 ft (15.932 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Period of record: Maximum daily elevation, 73.22 ft (22.317 m) Oct. 5, 1964; minimum daily, 53.22 ft (16.221 m) Dec. 8, 1969.

REMARKS.--Lake is in a closed basin of lakes and ponds, fed by White Oak Creek, in the western part of Econfina Creek basin.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---		---	
2	---	---	---	---	---	---	---	---	---		---	
3	---	72.31	---	---	---	---	---	---	---		---	
4	---	---	---	---	---	---	---	---	---		---	
5	---	---	---	---	---	---	72.41	---	---		---	
6	---	---	---	---	---	---	---	---	---		---	
7	---	---	---	---	---	---	---	---	---		---	
8	---	---	---	---	---	---	---	---	---		---	
9	---	---	---	---	---	---	---	---	---		---	
10	---	---	---	---	---	---	---	---	---		---	
11	---	---	---	---	---	---	---	---	---		---	
12	---	---	---	---	---	---	---	---	---		---	
13	---	---	---	---	---	---	---	---	---		---	
14	---	---	---	---	---	---	---	---	---		---	
15	---	---	---	---	---	---	---	---	---		---	
16	---	---	72.28	---	---	---	---	---	---		---	
17	---	---	---	---	---	---	---	---	---		---	
18	---	---	---	---	---	---	---	---	---		---	
19	---	---	---	---	---	---	---	---	---		---	
20	---	---	---	---	---	---	---	---	---		---	
21	---	---	---	---	---	---	---	---	---		---	
22	---	---	---	---	---	---	---	---	---		---	
23	---	---	---	---	---	---	---	---	---		---	
24	---	---	---	---	---	---	---	---	---		---	
25	---	---	---	---	---	---	---	---	---		71.43	
26	72.51	---	---	---	---	---	---	72.23	71.97		---	
27	---	72.43	---	---	---	---	---	---	---		---	
28	---	---	---	72.67	---	72.43	---	---	---		---	
29	---	---	72.47	---	72.41	---	71.69	---	71.92		---	
30	---	---	---	---	---	---	---	---	---		---	
31	---	---	---	---	---	---	---	---	---		---	
MEAN	---	---	---	---	---	---	---	---	---		---	
MAX	---	---	---	---	---	---	---	---	---		---	
MIN	---	---	---	---	---	---	---	---	---		---	

ST. ANDREW BAY, INFLOW AND COASTAL AREA

02359635 Clark's Hole (Hamlin Pond) near Greenhead, Fla.

LOCATION.--Lat 30°29'50", long 85°35'55", in SW¼ sec.12, T.1 N., R.14 W., Washington County, Hydrologic Unit 03140101, on south side of hole, 0.5 mi (0.8 km) south of Deadening Cemetery, and 3.7 mi (5.9 km) east of Greenhead.

SURFACE AREA.--Indeterminate.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--February 1962 to September 1970 (weekly), incomplete; October 1970 to September 1975 (periodically); October 1975 to September 1976 (fragmentary). Annual readings are made for low-water comparison with Gully Lake and Wages Pond in the closed basin.

GAGE.--Nonrecording gage. Datum of gage is 42.39 ft (12.920 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Period of record: Maximum daily elevation, 64.97 ft (19.803 m) Apr. 12, 1965; minimum daily, 44.94 ft (13.698 m) May 6, 1969.

Hole was observed completely dry on Nov. 19, 1968.

REMARKS.--Hole is in a closed basin of lakes and ponds, fed by White Oak Creek, in the western part of Econfina Creek basin.

ELEVATION, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

Dec. 16..........61.53

Aug. 17..........60.61

02359640 Wages Pond near Greenhead, Fla.

LOCATION.--Lat 30°30'05", long 85°35'55", in SW¼ sec.12, T.1 N., R.14 W., Washington County, Hydrologic Unit 03140101, on east shore of pond, 0.2 mi (0.3 km) southwest of Deadening Cemetery, and 3.7 mi (5.9 km) east of Greenhead.

SURFACE AREA.--99.9 acres, 0.16 mi^2 (0.41 km^2), at about elevation 57 ft (17.4 m) above mean sea level.

DRAINAGE AREA.--41.2 mi^2 (106.7 km^2).

PERIOD OF RECORD.--February 1962 to September 1970 (weekly), incomplete; October 1970 to September 1975 (periodically); October 1975 to September 1976 (annually). Annual readings are made for low-water comparison with clark's Hole and Gully Lake in the closed basin.

GAGE.--Nonrecording gage. Datum of gage is 45.61 ft (13.902 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Period of record: Maximum daily elevation, 64.01 ft (19.510 m) Aug. 13, 1965; minimum daily, 51.49 ft (16.694 m) May 7, 1969.

REMARKS.--Pond is in a closed basin of lakes and ponds fed by White Oak Creek in the western part of Econfina Creek basin.

ELEVATION, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

Aug. 25.......... 63.06

Dec. 16..........above 62.51

02359645 Gully Lake near Greenhead, Fla.

LOCATION.--Lat 30°29'30", long 85°36'55", in NW¼ sec.14, T.1 N., R.14 W., Washington County, Hydrologic Unit 03140101, on southeast shore of lake, 2.8 mi (4.5 km) east of Greenhead.

SURFACE AREA.--171 acres, 0.27 mi² (0.70 km²) at about elevation 52 ft (16 m) above mean sea level.

DRAINAGE AREA.--43.9 mi² (113.7 km²).

PERIOD OF RECORD.--January 1961 to September 1970 (weekly), incomplete; October 1970 to September 1975 (periodically); October 1975 to September 1976 (annually), incomplete. January 1961 to October 1969, Published as Gully Pond near Greenhead. Annual readings are made for low-water comparison with Clark's Hole and Wages Pond in the closed basin.

GAGE.--Nonrecording gage. Datum of gage is 39.36 ft (11.997 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Period of record: Maximum daily elevation, 59.46 ft (18.123 m) Apr. 12, 1965; minimum daily, 43.56 ft (13.277 m) June 26, 1969.

REMARKS.--Lake is in a closed basin of lakes and ponds fed by White Oak Creek in the western part of Econfina Creek basin.

02359660 Deer Point Lake near Panama City, Fla.

LOCATION.--Lat 30°17'57", long 85°34'50", in SE¼ sec.10, T.2S., R.13W., Bay County, Hydrologic Unit 03140100, on east shore of lake, on private dock 0.3 mi (0.5 km) north of public boat landing, 2.4 mi (3.9 km) north of Deer Point Dam, and 10 mi (16 km) northeast of Panama City.

SURFACE AREA.--4,968 acres, 7.34 mi² (19 km²) at elevation 4.5 ft (1.37 m) above mean sea level.

DRAINAGE AREA.--435 mi² (1127 km²), includes 43.9 mi² (113.7 km²) that do not contribute to direct surface runoff.

PERIOD OF RECORD.--November 1961 to September 1962, incomplete; October 1962 to current year.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Bay County bench mark).

EXTREMES.--Current year: Maximum daily elevation, 5.80 ft (1.768 m) Jan. 28, 30; minimum daily, 5.00 ft (1.524 m) Aug. 21.
Period of record: Maximum daily elevation, 7.82 ft (2.384 m) July 31, 1975; maximum instantaneous elevation, 8.03 ft (2.448 m) July 31, 1975 (from floodmark); minimum daily after Dec. 2, 1961, 4.82 ft (1.469 m) Oct. 14, 1968.

REMARKS.--Lake is formed by concrete-capped sheet-pile dam with underpass tube and valve; crest of dam is at elevation 4.5 ft (1.37 m). Dam was completed on Nov. 17, 1961, and was filled to normal elevation of 5.0 ft (1.52 m) by Dec. 2, 1961.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.26	5.08	5.10	5.38	5.28	5.08	5.18	5.18	5.18	5.32	5.10	5.14
2	5.28	5.06	5.12	5.30	5.28	5.08	5.14	5.28	5.20	5.28	5.08	5.16
3	5.26	5.08	5.12	5.26	5.26	5.08	5.12	5.26	5.24	5.24	5.10	5.16
4	5.18	5.08	5.10	5.20	5.28	5.06	5.10	5.14	5.28	5.18	5.10	5.24
5	5.14	5.08	5.08	5.14	5.30	5.06	5.12	5.10	5.20	5.14	5.12	5.26
6	5.30	5.08	5.10	5.14	5.18	5.10	5.10	5.08	5.18	5.16	5.12	5.28
7	5.46	5.10	5.08	5.12	5.16	5.06	5.12	5.08	5.12	5.34	5.10	5.32
8	5.48	5.14	5.08	5.22	5.12	5.04	5.10	5.08	5.08	5.40	5.16	5.34
9	5.54	5.26	5.10	5.28	5.10	5.20	5.08	5.08	5.10	5.38	5.14	5.34
10	5.44	5.26	5.10	5.22	5.12	5.22	5.10	5.08	5.08	5.34	5.12	5.20
11	5.32	5.26	5.08	5.18	5.12	5.20	5.08	5.08	5.06	5.24	5.10	5.18
12	5.28	5.28	5.08	5.16	5.12	5.12	5.06	5.08	5.08	5.22	5.08	5.14
13	5.16	5.34	5.08	5.14	5.12	5.10	5.08	5.06	5.08	5.20	5.08	5.12
14	5.18	5.28	5.08	5.14	5.12	5.08	5.08	5.30	5.10	5.16	5.15	5.08
15	5.16	5.24	5.06	5.12	5.10	5.08	5.08	5.30	5.08	5.15	5.10	5.06
16	5.14	5.18	5.08	5.14	5.10	5.10	5.10	5.36	5.06	5.13	5.10	5.04
17	5.36	5.16	5.10	5.18	5.10	5.20	5.08	5.32	5.08	5.10	5.08	5.04
18	5.32	5.16	5.16	5.14	5.14	5.16	5.08	5.30	5.08	5.10	5.06	5.04
19	5.28	5.12	5.12	5.10	5.10	5.14	5.08	5.18	5.04	5.10	5.02	5.04
20	5.24	5.10	5.10	5.08	5.10	5.12	5.10	5.20	5.28	5.10	5.02	5.02
21	5.18	5.12	5.14	5.08	5.10	5.10	5.08	5.10	5.26	5.10	5.00	5.04
22	5.18	5.14	5.08	5.08	5.10	5.08	5.08	5.16	5.18	5.10	5.04	5.02
23	5.18	5.08	5.06	5.08	5.14	5.06	5.08	5.52	5.14	5.08	5.02	5.02
24	5.12	5.08	5.08	5.10	5.12	5.06	5.10	5.50	5.04	5.08	5.04	5.08
25	5.12	5.08	5.10	5.10	5.10	5.04	5.10	5.42	5.12	5.08	5.02	5.08
26	5.12	5.08	5.16	5.16	5.10	5.08	5.08	5.32	5.14	5.08	5.04	5.06
27	5.12	5.12	5.16	5.68	5.08	5.12	5.06	5.28	5.14	5.08	5.06	5.08
28	5.12	5.12	5.14	5.80	5.08	5.30	5.02	5.26	5.20	5.08	5.04	5.10
29	5.10	5.12	5.26	5.68	5.08	5.40	5.04	5.24	5.18	5.10	5.04	5.12
30	5.10	5.12	5.32	5.80	---	5.34	5.04	5.18	5.18	5.10	5.12	5.16
31	5.08	---	5.40	5.30	---	5.26	---	5.16	---	5.12	5.14	---
MEAN	5.23	5.15	5.12	5.24	5.14	5.13	5.09	5.22	5.14	5.17	5.08	5.13
MAX	5.54	5.34	5.40	5.80	5.30	5.40	5.18	5.52	5.28	5.40	5.16	5.34
MIN	5.08	5.06	5.06	5.08	5.08	5.04	5.02	5.06	5.04	5.08	5.00	5.02

CAL YR 1975 MEAN 5.27 MAX 7.82 MIN 5.00
WTR YR 1976 MEAN 5.15 MAX 5.80 MIN 5.00

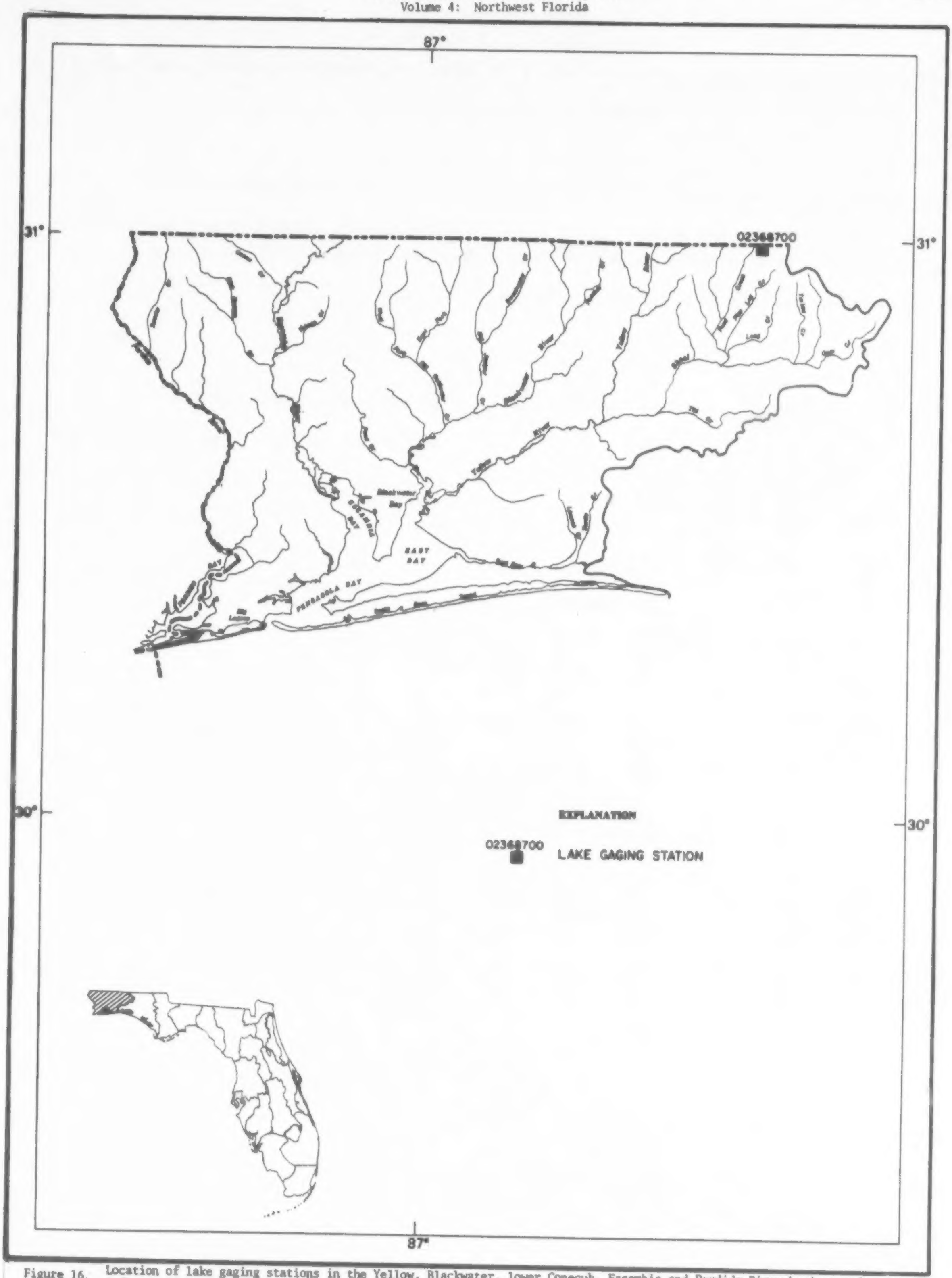
87°
31°
31°
30°
30°
87°
02368700
ESCAMBIA BAY
Blackwater Bay
EAST BAY
PENSACOLA BAY
EXPLANATION
02368700
LAKE GAGING STATION

Figure 16. Location of lake gaging stations in the Yellow, Blackwater, lower Conecuh, Escambia and Perdido River basins; and inflow to and coastal area for Escambia and Perdido Bays.

YELLOW RIVER BASIN

02368700 Lake Jackson near Paxton, Fla.

LOCATION.--Lat 30°59'13", long 86°19'40", in SE¼ sec.27, T.6 N., R.21 W., Walton County, Hydrologic Unit 03140103, on south shore of lake, 1.7 mi (2.7 km) northwest of Paxton.

SURFACE AREA.--400 acres, 0.6 mi² (1.6 km²), approximately, at elevation 253 ft (77.1 m) above mean sea level.

DRAINAGE AREA.--2 mi² (5 km²), approximately.

PERIOD OF RECORD.--September 1966 to September 1970; March 1975 to current year (weekly).

GAGE.--Nonrecording gage. Datum of gage is 248.66 ft (75.792 m) above mean sea level. Gage readings have been reduced to elevations above mean sea level.

EXTREMES.--Current year: Maximum daily elevation, 255.56 ft (77.895 m) Oct. 17; minimum daily, 254.52 ft (77.578 m) Aug. 22, Sept. 26.
Period of record: Maximum daily elevation, 256.46 ft (78.169 m) Apr. 10, 1975; minimum daily, 252.64 ft (77.005 m) Nov. 8, 1968.

REMARKS.--Outflow from lake through unnamed tributary into Pond Creek.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	255.04	---	---	---	---	---	254.74	---
2	---	255.00	---	---	---	---	---	254.96	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	255.26	---	---	255.10	---	---	255.10	---	---	254.94	---	---
5	---	---	---	---	---	---	---	---	---	---	---	254.76
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	255.34	---	---	255.08	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	254.64	---
9	---	255.01	---	---	---	---	---	254.98	255.08	---	---	---
10	---	---	---	---	255.02	---	---	---	---	---	---	---
11	---	---	---	255.04	---	---	254.92	---	---	254.96	---	---
12	255.18	---	---	---	---	---	---	---	---	---	---	254.76
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	255.20	---	---	255.04	---	---	255.00	---	---	---
15	---	---	---	---	254.98	---	---	---	---	---	254.62	---
16	---	255.04	---	---	---	---	---	255.40	---	---	---	---
17	255.56	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	255.02	---	---	254.91	---	---	254.92	---	---
19	---	---	---	---	---	--	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	254.94	---	---	---
21	---	---	255.06	---	255.00	255.02	---	---	---	---	---	---
22	---	---	---	---	255.44	---	---	---	---	---	254.52	254.60
23	---	254.94	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	254.80	---	---	---	---	---
25	255.16	---	---	254.98	---	---	--	255.17	---	254.82	---	---
26	---	---	---	---	---	---	---	---	---	---	---	254.52
27	---	---	---	---	---	---	---	---	255.02	---	---	---
28	---	---	255.12	---	---	255.30	---	---	---	---	---	---
29	---	---	---	---	255.12	---	---	---	---	---	254.66	---
30	---	255.16	---	---	---	---	---	255.12	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

SURFACE WATER QUALITY RECORDS

Daily Measurements

Other Parameters at Daily Measurements Sites

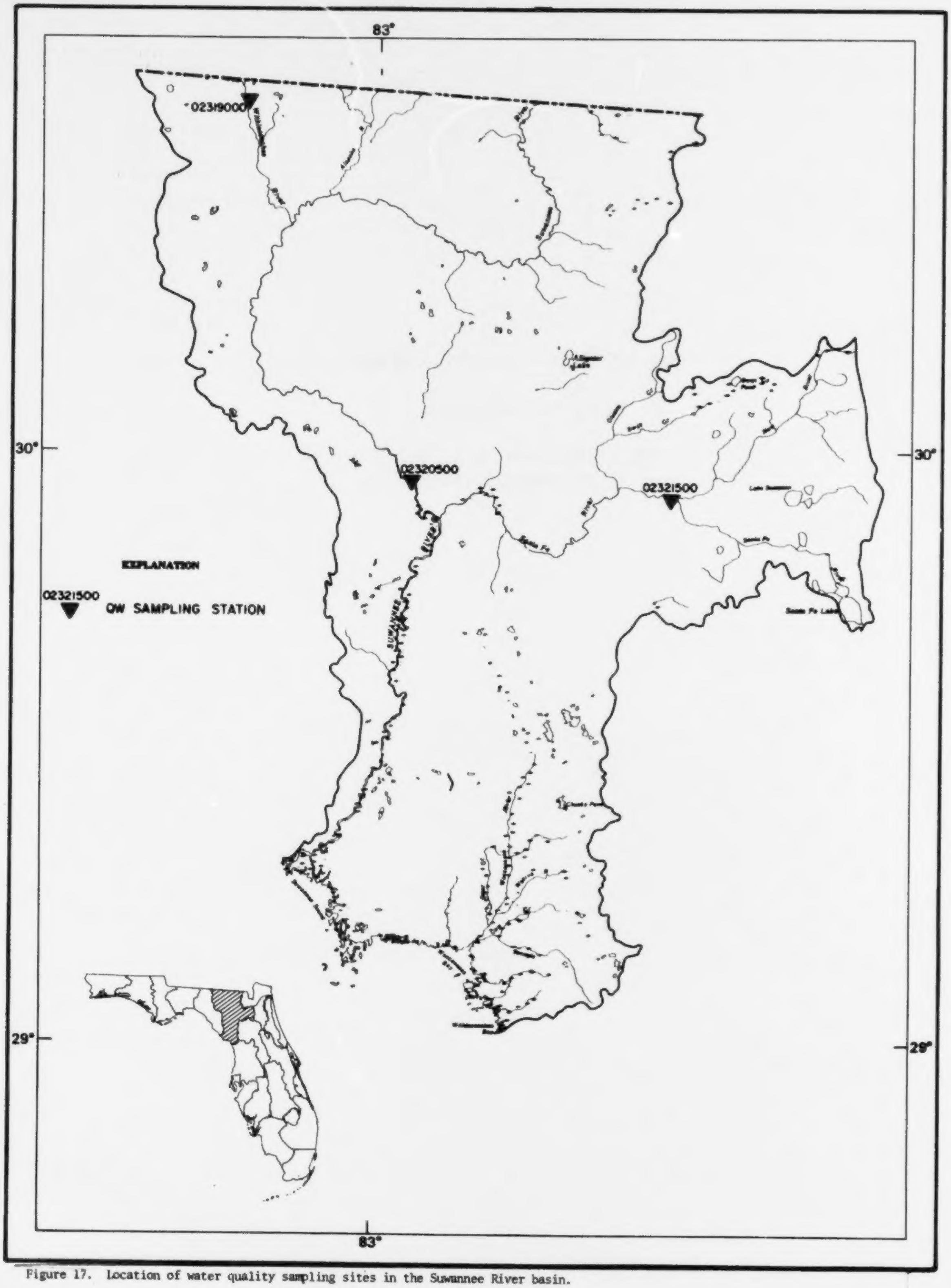
83°
02319000
02320500
02321500
30°
30°
EXPLANATION
02321500
QW SAMPLING STATION
SUWANNEE RIVER
Santa Fe
Santa Fe Lake
29°
29°
83°

Figure 17. Location of water quality sampling sites in the Suwannee River basin.

02319000 Withlacoochee River near Pinetta, Fla.

LOCATION.--Lat 30°35'43", long 83°15'35", in NW¼ sec. 7, T.2 N., R.11 E., Madison County, Hydrologic Unit 03110203, on right bank 30 ft (9 m) downstream from bridge, 0.1 mi (0.2 km) downstream from small tributary, 0.3 mi (0.5 km) west of Bellville, 5.6 mi (9.0 km) east of Pinetta, and 22 mi (35 km) upstream from mouth.

DRAINAGE AREA.--2,120 mi^2 (5,490 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: November 1962 to current year.
Water temperatures: October 1963 to current year.

EXTREMES.--Current year: Specific conductance: Maximum daily, 286 micromhos Dec. 6; minimum daily, 31 micromhos May 26, 27.
Water temperatures: Maximum, 27.0°C Aug. 29, 30, 31; minimum, 7.0°C Jan. 19, 20.
Period of record: Specific conductance: Maximum daily, 510 micromhos Nov. 27, 28, 30, 1968; minimum daily, 18 micromhos Dec. 10, 1964. See REMARKS.
Water temperatures: Maximum, 34.0°C Aug. 17, 1968; minimum, 2.0°C Mar. 29, 1970. See REMARKS.

REMARKS.--Extremes may have been exceeded during periods of missing record.

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.0	19.0	17.0	13.0	10.0	20.0	20.0	21.5	23.0	25.0	26.5	26.0
2	21.0	20.0	16.0	13.0	10.0	20.0	20.0	22.0	23.0	25.0	26.5	26.0
3	21.0	20.5	15.0	13.0	11.0	21.0	20.0	22.0	23.0	25.0	26.5	26.5
4	21.0	20.5	16.0	11.0	11.0	21.0	20.0	22.0	23.0	25.0	26.0	26.0
5	21.0	20.5	16.0	11.0	10.0	22.0	20.0	22.5	23.0	25.0	26.0	26.0
6	22.5	20.0	16.0	10.0	11.0	21.0	19.5	22.5	23.0	25.0	26.5	25.5
7	23.0	20.5	16.0	11.0	9.0	21.0	19.5	22.5	23.0	25.0	26.0	25.0
8	23.0	20.5	18.0	9.0	9.0	20.0	19.0	21.5	23.0	25.0	26.5	25.0
9	23.0	20.5	17.0	9.0	11.0	19.0	19.0	21.5	23.5	25.0	26.5	25.0
10	23.0	20.5	15.5	8.0	11.0	18.0	20.0	22.0	24.0	25.5	26.5	24.0
11	22.5	19.0	12.0	8.0	12.0	18.0	20.0	22.5	24.0	25.5	26.5	24.0
12	22.5	19.0	13.0	9.0	13.0	18.0	20.0	22.5	24.0	25.5	26.0	24.0
13	22.5	19.0	15.0	9.0	13.0	18.0	20.5	22.5	24.0	25.5	26.0	23.5
14	23.0	17.0	15.5	10.0	---	18.0	20.5	22.5	24.0	25.5	26.0	23.0
15	22.5	13.0	15.5	10.0	14.0	19.0	21.0	22.5	23.5	26.0	26.0	23.0
16	22.0	13.0	16.0	10.0	14.0	18.0	21.5	22.5	23.5	26.0	26.0	24.0
17	22.0	16.0	15.0	10.0	15.0	17.0	22.5	23.0	23.5	26.0	26.0	24.0
18	21.0	16.0	15.0	8.0	17.0	15.0	22.5	23.0	23.5	26.0	26.0	23.0
19	20.0	17.0	14.0	7.0	17.0	18.0	22.5	25.0	23.5	26.0	25.0	24.0
20	19.0	17.0	13.0	7.0	17.0	18.0	22.5	22.5	24.0	26.5	25.0	24.5
21	19.0	17.0	14.0	8.0	17.0	17.5	23.0	22.5	24.0	26.5	25.5	25.0
22	19.0	---	12.0	8.0	16.0	16.5	23.0	23.0	24.5	26.5	26.0	25.0
23	20.0	12.0	10.0	8.0	15.0	16.5	23.0	23.0	24.5	26.5	26.0	24.0
24	20.0	14.0	9.0	10.0	16.0	16.0	23.5	23.0	24.5	26.5	26.0	24.0
25	20.0	14.0	9.0	10.0	16.0	18.0	22.5	22.0	25.0	26.5	26.0	24.0
26	20.0	14.0	9.0	11.0	17.0	19.0	22.5	23.0	25.0	26.0	25.5	24.5
27	20.0	15.0	9.0	12.0	16.0	19.0	22.5	22.0	25.5	26.5	26.0	25.0
28	20.0	16.0	10.0	11.5	16.0	20.0	23.0	22.0	25.5	26.5	26.5	25.0
29	20.0	19.0	10.0	10.0	16.0	20.0	23.0	22.0	25.0	26.5	27.0	25.0
30	20.0	18.0	11.0	10.0	---	21.0	23.0	22.0	25.0	26.5	27.0	25.0
31	20.0	---	11.0	10.0	---	21.0	---	22.5	---	26.5	27.0	---
MONTH	21.0	17.5	13.5	10.0	13.5	19.0	21.5	22.5	24.0	26.0	26.0	24.5
YEAR	MAX	27.0	MIN	7.0	MEAN	20.0						

SUWANNEE AND AUCILLA RIVERS

WITHLACOOCHEE RIVER BASIN

02319000 Withlacoochee River near Pinetta. Fla.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	120	196	278	74	52	124	97	140	---	64	177	110
2	167	229	276	116	52	126	95	130	35	65	177	111
3	169	228	277	116	53	126	95	130	38	64	177	110
4	167	230	276	60	52	127	85	130	37	64	179	110
5	170	229	285	58	62	128	85	130	35	64	178	115
6	158	229	286	60	61	126	85	130	36	60	176	114
7	158	254	285	64	62	103	85	130	36	59	178	116
8	154	254	280	64	61	105	85	130	36	59	176	115
9	160	254	265	64	62	105	85	130	68	59	176	116
10	123	255	264	65	86	104	153	130	144	59	94	139
11	125	272	264	70	86	104	153	130	137	63	95	116
12	123	279	246	70	85	109	156	130	139	59	96	160
13	124	278	235	70	86	109	154	130	138	61	95	160
14	124	279	236	78	86	110	156	130	69	64	94	115
15	123	279	236	77	114	109	155	130	68	64	96	160
16	116	273	236	78	114	108	156	130	68	60	95	160
17	116	266	236	77	112	109	156	66	54	160	96	160
18	116	260	200	94	114	109	257	66	69	119	166	160
19	116	266	200	94	127	80	257	66	70	160	166	160
20	115	222	200	93	116	79	257	66	137	160	167	160
21	116	222	200	90	116	79	257	66	138	160	167	115
22	116	222	200	94	116	79	257	64	137	160	167	160
23	137	245	199	93	115	79	257	65	138	160	167	255
24	137	245	107	66	116	80	257	64	74	160	166	250
25	136	246	108	66	116	97	257	32	74	180	166	255
26	138	245	109	66	112	97	258	31	74	180	166	250
27	136	245	108	67	115	97	283	31	73	180	108	250
28	196	246	108	67	118	98	282	32	74	180	109	250
29	196	277	108	66	113	96	257	33	74	180	109	250
30	195	276	117	54	---	98	257	32	74	180	109	250
31	146	---	117	54	---	97	---	33	---	180	109	---
MONTH	142	250	211	75	92	103	181	92	81	112	142	165
YEAR	MAX	286	MIN	31	MEAN	137						

02319000 - WITHLACOOCHEE RIVER NEAR PINETTA, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL ALUMINUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DISSOLVED IRON (FE) (UG/L) (01046)	TOTAL MANGANESE (MN) (UG/L) (01055)	DISSOLVED MANGANESE (MN) (UG/L) (01056)	DISSOLVED CALCIUM (CA) (MG/L) (00915)
DEC										
08...	1145	6.98	244	--	--	--	--	--	--	--
FEB										
02...	1045	13.20	4120	--	--	--	--	--	--	--
APR										
05...	1030	9.72	1770	6.1	440	1300	550	40	10	5.8
JUN										
01...	1100	29.80	16900	--	--	--	--	--	--	--
AUG										
03...	0930	7.67	544	--	--	--	--	--	--	--

DATE	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TURBIDITY (JTU) (00070)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	IMMEDIATE COLIFORM (COL. PER 100 ML) (31501)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
DEC									
08...	285	7.5	17.0	7	5.5	56	1.7	8130	8.0
FEB									
02...	38	6.0	9.5	15	9.9	86	2.1	420	18
APR									
05...	85	6.7	18.0	10	7.1	74	4.2	300	9.0
JUN									
01...	39	5.5	23.0	15	4.2	48	1.6	0	20
AUG									
03...	155	7.3	28.0	7	5.5	69	.6	8380	10

DATE	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	TOTAL NITRATE (N) (MG/L) (00620)
DEC										
08...	--	--	--	--	--	--	--	--	--	.27
FEB										
02...	--	--	--	--	--	--	--	--	--	.06
APR										
05...	1.3	9.1	1.6	27	0	22	6.4	9.6	.3	.16
JUN										
01...	--	--	--	--	--	--	--	--	.0	.00
AUG										
03...	--	--	--	--	--	--	--	--	.1	.34

DATE	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITROGEN (N) (MG/L) (00610)	TOTAL ORGANIC NITROGEN (N) (MG/L) (00605)	TOTAL PHOSPHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOSPHORUS (P) (MG/L) (70507)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	SUSPENDED SOLIDS (MG/L) (70299)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)
DEC										
08...	.03	.08	.39	.19	.19	--	--	--	--	--
FEB										
02...	.01	.04	.69	.09	.07	--	--	--	--	--
APR										
05...	.02	.07	.69	.15	.13	74	54	8	20	0
JUN										
01...	.02	.06	.63	.09	.06	--	--	--	--	--
AUG										
03...	.01	.04	.43	.15	.15	--	--	--	--	--

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

02320500 Suwannee River at Branford, Fla.

LOCATION.--Lat 29°57'20", long 82°55'40", in NE¼ sec. 20, T.6 S., R.14 E., Suwannee County, Hydrologic Unit 03110205, near left bank on upstream side of bridge on U.S. Highways 27 and 129 at Branford, 10.8 mi (17.4 km) upstream from Santa Fe River and 75 mi (121 km) upstream from mouth.

DRAINAGE AREA.--7,880 mi^2 (20,410 km^2) revised, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--Chemical analyses: January 1954 to September 1957, October 1962 to current year.
Water temperatures: January 1954 to September 1957, October 1962 to current year.

EXTREMES.--Current year: Specific conductance: Maximum daily, 290 micromhos Dec. 12, May 3, 4, 5; minimum daily, 38 micromhos June 1.
Water temperatures: Maximum, 26.5°C July 21; minimum, 10.5°C Jan. 9.
Period of record: Specific conductance: Maximum daily, 435 micromhos Dec. 13, 1954; minimum daily, 25 micromhos Dec. 13, 1964. See REMARKS.
Water temperatures: Maximum, 38.0°C Aug. 10, 1973; minimum, 7.0°C Jan. 30, Feb. 3, 4, 1966. See REMARKS.

REMARKS.--Extremes may have been exceeded during periods of missing record.

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	21.0	17.5	18.0	13.0	19.0	22.5	24.5	24.0	25.0	25.0	25.5
2	24.0	21.5	18.0	18.0	13.5	19.5	22.5	23.5	24.0	24.5	26.0	25.5
3	24.0	21.5	19.0	18.5	13.0	21.5	20.0	23.5	24.5	24.5	25.5	25.0
4	23.5	21.0	18.5	16.0	14.5	22.0	21.0	24.0	24.0	25.0	25.0	25.0
5	23.5	21.0	19.0	14.0	14.5	22.5	21.0	23.0	24.0	25.0	24.5	25.5
6	24.0	21.5	19.0	13.0	15.5	24.0	20.0	23.5	24.5	25.0	25.5	25.0
7	24.0	21.0	19.5	15.0	15.5	24.5	21.0	24.0	24.5	25.0	25.0	25.0
8	23.0	21.0	19.5	11.0	12.0	21.0	21.0	23.5	24.0	25.0	25.0	25.5
9	24.0	21.5	19.0	10.5	13.0	21.5	20.0	24.0	24.0	25.0	24.0	25.0
10	24.5	21.0	19.0	11.0	13.5	21.0	20.0	24.0	23.5	24.5	24.5	25.0
11	24.5	20.5	19.0	12.0	14.0	23.0	21.0	24.5	24.0	24.5	25.5	25.5
12	24.0	21.0	19.5	11.0	14.0	21.5	21.5	23.5	24.0	25.0	25.0	25.5
13	24.5	20.0	19.0	12.5	14.5	22.0	21.0	24.0	24.0	25.0	25.5	25.0
14	24.0	17.5	19.0	15.0	15.0	20.0	21.0	23.5	24.0	25.0	25.0	25.0
15	24.5	17.5	19.0	11.5	16.5	20.0	20.0	24.0	23.0	25.0	25.0	23.5
16	24.0	18.0	19.5	13.0	17.5	20.0	20.0	23.5	24.0	25.0	25.5	24.0
17	24.5	18.0	19.5	12.0	16.0	16.5	20.0	24.0	23.5	25.0	25.5	23.0
18	23.5	17.5	18.5	12.5	17.5	15.5	21.0	24.0	24.0	25.0	25.5	23.0
19	23.5	19.5	18.5	13.0	20.0	17.0	20.0	24.0	24.5	25.0	25.0	24.0
20	20.0	19.0	18.0	11.5	21.0	16.0	21.0	24.5	25.0	25.5	25.5	23.5
21	21.0	18.0	18.0	12.5	17.0	17.0	21.5	24.5	25.0	26.5	24.5	24.0
22	21.0	17.0	16.5	13.0	17.0	16.0	23.5	25.0	24.5	26.0	25.0	23.5
23	20.0	17.5	16.0	11.0	16.0	15.0	24.5	25.0	24.5	26.0	25.0	23.5
24	21.0	17.5	17.5	13.5	16.0	16.0	25.0	25.0	25.0	26.0	25.0	23.5
25	22.0	15.5	17.5	13.0	16.0	16.5	24.0	25.0	25.0	26.0	25.5	24.0
26	21.0	17.5	17.5	16.0	16.5	16.5	24.5	24.0	25.0	25.5	25.5	24.0
27	21.5	18.0	18.0	16.0	17.0	20.5	24.0	24.0	25.0	25.5	25.5	24.0
28	21.5	17.5	17.0	14.5	17.5	21.0	24.0	23.0	25.0	25.5	25.5	24.0
29	21.0	18.0	18.0	13.0	17.5	21.5	24.0	23.5	25.0	25.5	25.5	24.0
30	21.5	18.0	18.5	13.5	---	22.0	24.0	23.5	25.0	25.0	25.0	24.0
31	20.5	---	18.5	14.0	---	22.0	---	---	---	25.5	25.0	---
MONTH	22.8	19.1	18.4	13.5	15.6	19.7	21.8	23.9	24.3	25.2	25.1	24.4
YEAR	MAX	26.5	MIN	10.5	MEAN	21.1						

SUWANNEE RIVER BASIN BELOW WITHLACOOCHEE RIVER EXCLUDING SANTA FE RIVER BASIN

02320500 Suwannee River at Branford, Fla.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	195	235	274	183	73	211	160	285	38 ✓	142	248	240
2	206	236	280	183	73	213	160	284	39	139	250	220
3	206	240	283	183	73	212	160	290 ✓	40	114	252	225
4	213	246	279	124	69	214	160	290 ✓	41	114	252	195
5	218	243	286	122	66	214	157	290 ✓	39	114	255	225
6	220	250	286	126	66	214	160	275	39	112	258	230
7	225	256	286	116	65	214	156	268	40	110	235	230
8	227	258	286	104	66	226	158	271	40	107	232	230
9	225	263	283	104	71	250	162	281	40	103	224	230
10	200	269	289	113	71	224	165	280	41	98	230	215
11	203	265	286	86	77	219	172	278	41	94	225	210
12	204	266	290 ✓	108	85	224	178	274	41	96	225	200
13	200	268	289	108	100	163	187	271	40	101	229	205
14	199	278	287	116	99	153	197	256	101	108	246	205
15	201	270	289	113	117	158	217	230	128	114	236	210
16	203	271	287	113	117	160	215	218	156	121	234	205
17	206	282	284	118	124	163	222	200	172	132	219	200
18	212	270	282	118	136	171	228	168	185	172	210	205
19	221	270	283	118	144	170	232	135	190	170	212	200
20	216	274	282	119	157	163	241	117	195	172	220	200
21	215	276	280	128	159	153	248	104	175	185	224	200
22	215	276	281	140	182	146	256	99	175	198	229	200
23	217	277	280	146	185	148	258	96	170	210	233	205
24	213	277	274	169	185	145	262	60	155	218	235	210
25	206	278	262	160	191	148	265	60	145	222	240	210
26	204	276	257	166	194	153	268	60	120	224	240	220
27	207	276	254	166	208	158	272	54	107	225	234	220
28	216	278	254	227	210	166	275	46	104	227	236	220
29	218	280	248	153	210	170	275	42	110	230	245	210
30	218	278	248	110	---	170	280	40	125	237	247	200
31	224	---	244	94	---	163	---	40	---	241	240	---
MONTH	211	266	276	133	123	182	211	182	101	156	235	212
YEAR	MAX	290	MIN	38	MEAN	191						

02320500 - SUWANNEE RIVER AT BRANFORD, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL IRON (FE) (UG/L) (01045)	DISSOLVED IRON (FE) (UG/L) (01046)	TOTAL MANGANESE (MN) (UG/L) (01055)	DISSOLVED MANGANESE (MN) (UG/L) (01056)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)
OCT										
08...	1030	8.80	5550	7.1	260	170	30	2	34	6.4
NOV										
12...	1100	6.63	3890	7.8	--	--	--	--	39	7.4
DEC										
11...	1100	5.37	3200	8.4	--	--	--	--	45	8.1
JAN										
14...	1125	9.15	6330	7.5	470	270	10	0	14	2.5
FEB										
05...	1000	11.23	7880	6.1	--	--	--	--	6.8	1.4
MAR										
09...	0900	7.91	5290	6.8	--	--	--	--	34	6.3
APR										
09...	0930	8.94	5790	6.0	690	300	10	10	22	4.1
MAY										
05...	1330	5.76	3640	8.3	--	--	--	--	43	7.8
JUN										
02...	1530	18.95	16900	4.3	--	--	--	--	5.0	--
JUL										
08...	1230	13.44	10300	5.6	790	380	30	10	16	2.5
AUG										
06...	1030	8.32	5656	7.4	--	--	--	--	40	7.0
SEP										
10...	1015	7.32	4550	7.1	--	--	--	--	32	5.9

DATE	TEMPERATURE (DEG C) (00010)	TURBIDITY (JTU) (00070)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL PHYTOPLANKTON (CELLS PER ML) (60050)	IMMEDIATE COLIFORM (COL. PER 100 ML) (31501)	FECAL COLIFORM (COL. PER 100 ML) (31616)	STREPTOCOCCI (COLONIES PER 100 ML) (31679)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT										
08...	23.5	3	6.1	71	1.3	4	--	--	--	3.0
NOV										
12...	22.0	1	6.2	70	.4	--	--	B50	B30	11
DEC										
11...	17.0	2	7.7	79	.9	29	B100	B10	B8	[illegible].0
JAN										
14...	13.0	9	8.9	83	.6	280	--	B330	B150	13
FEB										
05...	11.5	10	9.5	86	2.6	170	--	B40	100	20
MAR										
09...	20.5	4	6.3	69	1.0	200	--	--	--	7.0
APR										
09...	19.5	7	6.4	69	1.3	600	--	--	--	13
MAY										
05...	22.5	2	6.7	76	.4	540	--	--	--	--
JUN										
02...	23.5	10	5.2	60	1.1	100	430	--	--	22
JUL										
08...	25.0	8	5.4	64	--	120	--	--	--	19
AUG										
06...	21.0	3	5.9	65	--	270	--	--	--	7.0
SEP										
10...	24.5	5	6.1	72	--	24	--	70	10	14

02320500 - SUWANNEE RIVER AT BRANFORD, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)
OCT 08...	3.9	.4	111	0	91	13	6.3	.4	.48	.01
NOV 12...	4.5	.5	136	0	112	16	5.7	.3	.55	.01
DEC 11...	5.2	.5	150	0	123	17	5.4	.3	.64	.01
JAN 14...	5.4	1.1	45	0	37	9.1	7.9	.2	.25	.02
FEB 05...	4.4	.9	10	0	8	6.8	7.3	.3	.10	.02
MAR 09...	5.0	.7	109	0	89	14	8.8	.3	.24	.01
APR 09...	5.2	.9	70	0	57	9.1	7.4	.3	.38	.02
MAY 05...	7.3	.6	147	0	121	17	5.8	.3	.55	.01
JUN 02...	3.6	1.1	0	0	0	7.2	7.4	.3	.01	.02
JUL 08...	7.1	.7	48	0	39	8.4	5.3	.3	.19	.01
AUG 06...	4.5	.6	135	0	111	14	5.3	.3	.51	.01
SEP 10...	3.7	.5	101	0	83	14	5.4	.3	.50	.02

DATE	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)
OCT 08...	.02	.26	.27	.26	141	126	110	19	--	7.3
NOV 12...	.03	.14	.27	.24	155	148	130	18	270	7.3
DEC 11...	.06	.13	.20	.20	163	164	150	23	225	8.0
JAN 14...	.08	.53	.26	.24	74	70	45	8	120	7.0
FEB 05...	.08	.60	.30	.26	44	39	23	15	54	6.7
MAR 09...	.04	.28	.21	.19	150	130	110	21	220	7.5
APR 09...	.04	.47	.19	.17	122	90	72	15	160	7.4
MAY 05...	.02	.18	.27	.20	172	163	140	19	300	8.0
JUN 02...	.03	.72	.16	.15	86	--	14	14	43	6.0
JUL 08...	.04	.62	.13	.12	74	70	51	11	105	7.2
AUG 06...	.06	.27	.24	.23	168	146	130	19	220	7.7
SEP 10...	.03	.31	.24	.24	138	119	100	17	180	7.6

02320500 - SUWANNEE RIVER AT BRANFORD, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	SUS- PENDED SEDI- MENT (MG/L) (80154)
OCT	
08...	4
NOV	
12...	2
DEC	
11...	2
JAN	
14...	7
FEB	
05...	16
MAR	
09...	5
APR	
09...	7
MAY	
05...	4
JUL	
08...	15
SEP	
10...	6

SANTA FE RIVER BASIN

02321500 Santa Fe River at Worthington Springs, Fla.

LOCATION.--Lat 29°55'18", long 82°25'35", in SE¼ sec. 32, T. 6 S., R.19 E., Alachua County, Hydrologic Unit 03110206, near center of span on downstream side of bridge on State Highway 121, 0.5 mi (0.8 km) south of Worthington Springs and 0.8 mi (1.3 km) downstream from New River.

DRAINAGE AREA.--575 mi² (1,489 km²), revised.

PERIOD OF RECORD.--Chemical analyses: July 1957 to September 1960, October 1963 to current year.
Water temperatures: July 1957 to current year.

EXTREMES.--Current year: Specific conductance: Maximum daily, 290 micromhos Oct. 30, 31; minimum daily, 56 micromhos Sept. 29.
Water temperatures: Maximum, 30.0°C July 16; minimum, 8.0°C Dec. 22, 23.
Period of record: Specific conductance: Maximum daily, 290 micromhos Oct. 30, 31, 1976; minimum daily, 31 micromhos Aug. 31, 1968, Feb. 5, Mar. 30, 31, 1970. See REMARKS.
Water temperatures: Maximum, 32.0°C July 7, 1962; minimum, 4.0°C Feb. 19, 1958. See REMARKS.

REMARKS.--Extremes may have been exceeded during periods of missing record.

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	20.0	---	---	12.0	19.0	19.0	24.0	24.0	25.0	26.5	26.0
2	24.5	21.0	17.0	15.5	12.0	---	20.0	23.0	---	26.0	27.5	26.5
3	24.0	21.0	14.5	14.0	12.0	21.0	20.0	24.0	25.0	26.0	27.0	27.0
4	24.0	21.0	17.0	14.0	12.0	22.0	20.0	23.0	24.0	26.0	26.5	26.5
5	24.0	25.0	15.0	12.0	14.0	22.0	17.0	23.5	23.0	26.0	26.5	26.0
6	26.0	23.0	17.0	10.0	14.0	22.5	19.0	21.0	23.5	25.0	27.5	---
7	25.0	25.0	17.0	11.5	13.0	23.0	19.5	24.0	23.0	25.0	27.0	25.0
8	26.0	28.0	16.0	13.5	12.0	21.0	19.0	22.0	24.0	26.0	26.0	25.0
9	27.0	25.0	16.0	10.0	12.0	17.0	19.0	23.0	24.0	24.0	26.0	25.5
10	25.0	24.0	---	9.0	11.0	20.0	18.5	24.0	24.0	26.0	26.5	25.0
11	22.0	23.0	---	10.0	13.0	18.0	19.0	26.0	---	26.0	25.5	24.5
12	23.0	23.0	13.0	13.0	---	18.0	19.5	24.0	25.5	---	26.0	24.0
13	23.0	19.0	16.0	15.0	15.0	20.5	20.0	24.0	26.0	27.0	25.5	23.0
14	23.0	15.0	15.5	18.0	17.0	19.0	19.0	25.0	---	24.0	25.5	22.5
15	23.5	14.0	16.0	13.0	16.5	20.0	20.0	24.0	29.0	24.0	26.0	22.0
16	24.5	17.0	16.0	14.5	18.0	---	20.0	25.0	27.0	30.0	25.5	---
17	23.0	13.0	18.0	12.0	20.0	17.0	22.0	---	27.0	27.0	25.5	21.0
18	23.0	15.0	15.0	9.0	20.5	16.0	20.0	24.0	27.0	26.5	25.0	24.0
19	21.0	16.0	---	9.0	22.0	17.0	---	21.0	27.0	---	24.0	26.0
20	19.0	---	10.0	9.5	20.0	---	---	---	26.0	25.5	24.0	24.0
21	21.0	19.0	9.5	10.0	20.0	20.0	17.0	---	25.0	27.0	25.0	24.0
22	20.0	16.0	8.0	10.0	19.5	18.5	---	22.0	---	26.0	26.0	24.0
23	21.0	13.0	8.0	10.0	---	18.0	23.0	23.0	25.0	27.5	26.0	25.0
24	21.0	12.5	9.0	16.0	17.0	17.0	25.0	23.0	25.0	26.5	26.0	25.0
25	---	12.5	12.0	18.0	15.0	19.0	24.0	23.0	26.0	28.0	26.5	25.0
26	21.0	12.0	13.0	15.0	16.0	---	23.0	24.0	26.0	26.5	25.0	25.5
27	23.0	15.0	11.0	18.0	17.0	18.0	---	24.0	26.0	28.0	26.0	26.0
28	---	16.5	---	13.0	---	19.0	20.0	22.0	26.0	27.0	26.0	26.5
29	23.5	15.0	13.0	10.5	17.0	---	23.0	23.0	25.5	27.5	26.5	25.0
30	22.5	17.0	14.0	10.0	---	18.0	24.0	24.5	25.0	27.5	---	25.0
31	20.0	---	13.0	11.5	---	---	---	24.0	---	27.0	25.0	---
MONTH	23.0	18.5	14.0	12.5	15.5	19.0	20.5	23.5	25.5	26.5	26.0	25.0
YEAR	MAX	30.0	MIN	8.0	MEAN	21.0						

02321500 Santa Fe River at Worthington Springs, Fla.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	206	94	---	128	105	129	147	168	72	72	110	104
2	215	95	131	116	98	---	154	169	---	70	114	98
3	225	93	142	100	89	133	166	172	73	70	113	99
4	225	97	143	95	82	137	168	175	77	68	117	102
5	220	100	132	94	81	136	167	180	76	59	118	98
6	240	102	135	93	82	138	167	180	84	58	119	---
7	240	102	136	97	85	141	167	178	88	58	101	96
8	255	106	143	97	85	144	167	181	91	58	187	80
9	245	108	146	100	91	144	160	176	90	58	186	84
10	240	111	---	97	89	148	164	184	90	62	181	85
11	220	110	140	97	97	150	163	187	---	64	182	80
12	220	105	141	97	---	155	166	194	101	---	186	74
13	225	110	140	96	97	160	158	202	112	65	98	65
14	220	108	143	96	107	156	153	204	---	63	92	60
15	225	106	146	96	104	147	147	182	132	61	103	62
16	235	116	148	99	107	---	145	185	140	62	91	---
17	240	111	150	99	108	135	154	---	137	70	189	64
18	243	106	155	103	125	136	160	142	136	73	186	66
19	255	107	156	104	112	137	---	121	129	---	188	66
20	250	---	161	103	113	---	---	---	134	89	87	65
21	250	108	157	105	117	137	132	---	142	84	79	67
22	245	112	161	109	119	140	---	98	---	80	78	71
23	255	116	159	109	---	143	135	96	157	89	77	74
24	255	118	163	111	124	145	136	110	140	84	79	80
25	---	120	164	113	147	146	143	111	117	83	84	73
26	265	118	162	115	121	---	146	100	97	83	189	64
27	270	---	156	115	124	150	---	90	83	86	96	62
28	---	136	165	114	---	150	155	82	76	98	104	59
29	280	138	163	113	129	---	162	75	74	96	110	56
30	290	139	141	107	---	150	170	72	78	90	---	60
31	290	---	143	106	---	---	---	70	---	98	100	---
MONTH	243	110	149	104	105	143	156	146	105	74	125	76
YEAR	MAX	290	MIN	56	MEAN	128						

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL ALUMINUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DISSOLVED IRON (FE) (UG/L) (01046)	TOTAL MANGANESE (MN) (UG/L) (01055)	DISSOLVED MANGANESE (MN) (UG/L) (01056)	DISSOLVED CALCIUM (CA) (MG/L) (00915)
OCT										
07...	1130	13.19	540	4.6	400	780	570	50	20	5.4
APR										
08...	1600	8.13	46	4.6	130	330	210	10	10	14

DATE	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TURBIDITY (JTU) (00070)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT									
07...	14	83	5.7	23.5	5	5.7	66	1.3	24
APR									
08...	19	160	7.2	18.0	3	8.0	57	.3	13

DATE	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	TOTAL NITRATE (N) (MG/L) (00620)
OCT										
07...	2.0	6.7	.9	10	0	8	13	8.6	.3	.06
APR										
08...	5.7	10	1.1	48	0	39	12	15	.4	.43

DATE	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITROGEN (N) (MG/L) (00610)	TOTAL ORGANIC NITROGEN (N) (MG/L) (00605)	TOTAL PHOSPHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOSPHORUS (P) (MG/L) (70507)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	SUSPENDED SOLIDS (MG/L) (70299)	HARDNESS (CA,MG) (MG/L) (00900)
OCT									
07...	.02	.03	.83	.17	.16	102	47	6	22
APR									
08...	.01	.03	.43	.47	.43	112	87	1	59

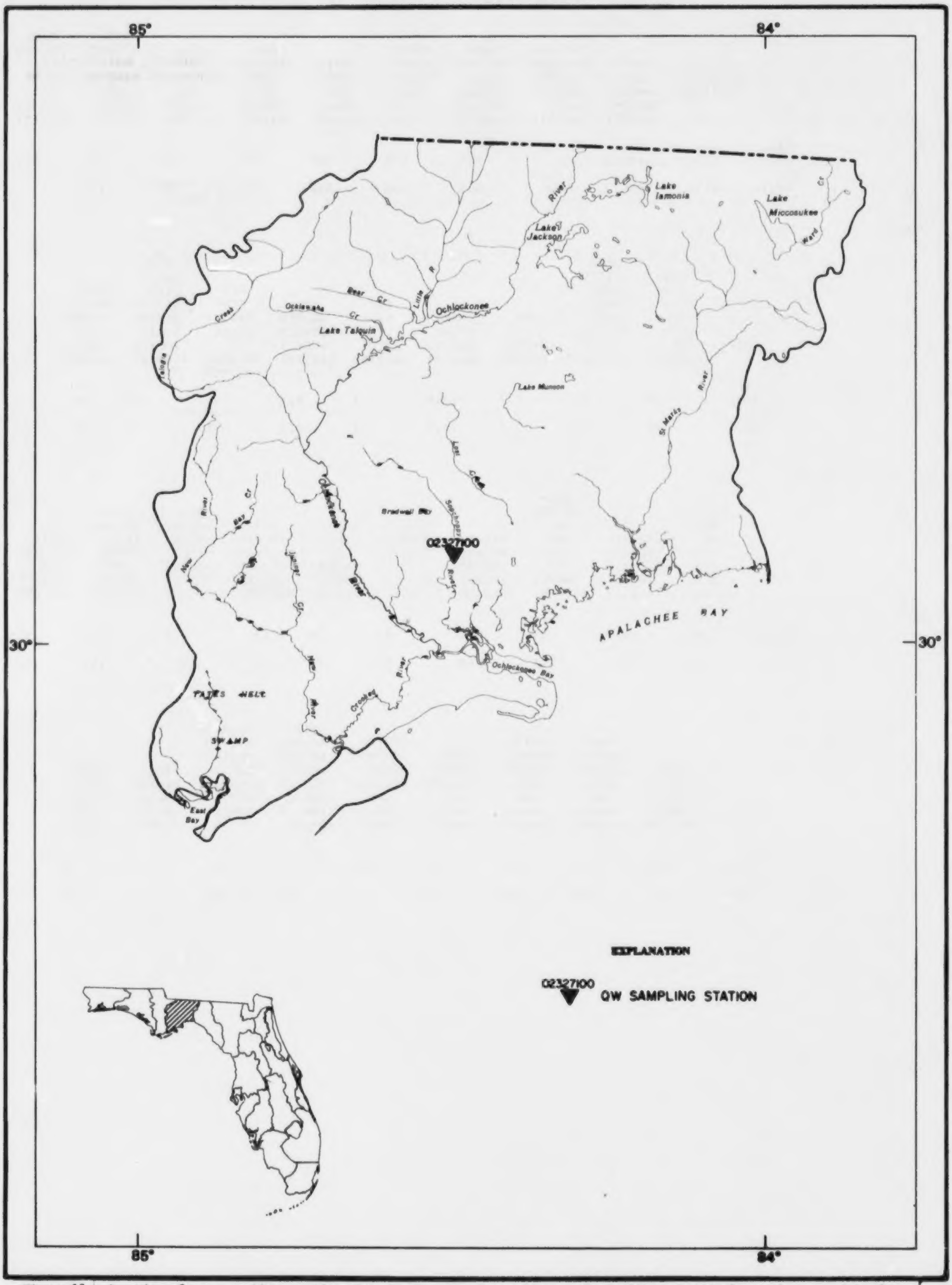
85°
84°
River
Lake
Iamonia
Lake
Miccosukee
Cr
Lake
Jackson
Ward
R
Little
Bear Cr
Ochlockonee
Creek
Ocklawaha Cr
Lake Talquin
Telogia
Lake Munson
River
St Marks
Lost Creek
Bradwell Bay
Sopchoppy
02327100
River
River
Bay Cr
New
Ochlockonee
River
Cr
APALACHEE BAY
30°
30°
Ochlockonee Bay
River
Crooked
New
River
TATES HELL
SWAMP
East
Bay
EXPLANATION
02327100
QW SAMPLING STATION
85°
84°

Figure 18. Location of water quality sampling sites in the coastal area between the Aucilla and Ochlockonee Rivers, and in the St. Marks, Wakulla, and Ochlockonee River basins.

OCHLOCKONEE RIVER BASIN

02327100 Sopchoppy River near Sopchoppy, Fla.
(hydrologic bench-mark station)

LOCATION.--Lat 30°07'45", long 84°29'40", in NW¼ sec. 24, T.4 S., R.3 W., Wakulla County, Hydrologic Unit 03120003, Apalachicola National Forest, near left bank on downstream side of bridge on U.S. Forest Road 346A, 4.7 mi (7.6 km) north of Sopchoppy, 5.2 mi (8.4 km) upstream from Duval Branch, and 24 mi (39 km) upstream from mouth.

DRAINAGE AREA.--97.9 mi² (253.6 km²).

PERIOD OF RECORD.--Chemical analyses: April 1964 to current year.
Water temperatures: June 1964 to current year.

EXTREMES.--Current year: Water temperatures: Maximum, 31.0°C Aug. 24, 25; minimum, 3.5°C Feb. 11. See REMARKS.
Period of record: Water temperatures: Maximum, 33.5°C June 10, 1971; 2.5°C Nov. 26, 1970. See REMARKS.

REMARKS.--Extremes may have been exceeded during periods of missing record.

REVISIONS.--The figures of water temperature, minimum values °C, for November 1970, have been revised as shown in the following table. They supersede figures published in WRD Fla. 1971.

Nov. 25	4.0	Nov. 28	6.0
26	2.5	29	8.0
27	3.0	30	9.5

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	17.0	15.0	17.0	13.0	16.0	13.0	---	---	20.0	17.0
2	---	---	17.5	15.0	16.0	13.0	13.0	11.0	---	---	19.0	18.0
3	---	---	19.0	17.0	14.0	8.0	---	---	---	---	21.5	19.0
4	---	---	20.0	17.5	13.5	8.0	---	---	---	---	22.0	19.5
5	---	---	20.5	18.5	14.0	8.0	---	---	---	---	22.0	19.5
6	---	---	20.5	18.0	16.0	13.0	---	---	---	---	22.5	20.0
7	---	---	21.5	20.0	17.5	13.0	---	---	---	---	23.0	20.0
8	---	---	21.0	19.5	18.0	13.0	---	---	---	---	20.5	19.0
9	---	---	21.5	19.5	18.0	13.0	---	---	---	---	20.0	18.5
10	22.5	22.5	21.5	20.0	16.5	12.0	---	---	---	5.0	19.5	17.0
11	22.5	20.5	22.5	20.5	12.0	8.0	---	---	12.5	3.5	17.5	16.0
12	21.5	18.5	22.5	20.5	11.0	8.0	---	---	13.5	12.0	18.0	16.0
13	21.0	19.0	20.5	13.5	13.5	8.0	---	---	15.0	13.5	19.5	17.5
14	21.5	19.0	14.5	11.0	16.0	13.0	---	---	16.5	14.5	19.0	17.0
15	22.0	20.0	12.0	9.5	16.5	13.0	---	---	17.0	15.5	19.0	16.5
16	22.0	20.0	10.5	8.5	19.0	13.0	---	---	18.0	16.0	20.0	19.0
17	22.5	21.5	11.0	9.5	19.5	18.0	---	---	18.5	16.5	19.0	15.5
18	22.0	19.5	12.5	7.5	19.0	8.5	---	---	18.5	17.0	15.5	13.5
19	19.5	16.5	14.5	7.5	12.5	7.5	---	---	20.0	18.0	15.5	13.5
20	16.5	14.0	16.5	12.5	---	---	---	---	19.0	17.5	17.0	15.0
21	14.5	12.5	17.5	12.5	---	---	---	---	19.5	17.0	18.5	16.5
22	14.5	12.0	14.0	7.5	---	---	---	---	20.0	17.0	18.5	16.5
23	15.5	13.0	12.5	7.5	---	---	---	---	17.0	14.5	17.0	15.0
24	16.5	14.0	11.5	7.5	7.0	5.0	---	---	15.0	13.0	17.5	15.0
25	17.5	15.0	11.0	7.5	11.0	7.0	---	---	15.5	12.5	17.0	16.0
26	19.0	16.5	11.5	7.5	12.0	8.0	---	---	16.5	13.5	18.0	16.5
27	19.0	17.0	15.0	7.5	11.0	8.0	---	---	17.0	14.0	17.5	16.5
28	19.5	17.5	14.0	7.5	9.5	8.0	---	---	17.5	14.5	19.0	16.5
29	20.0	19.0	14.5	8.0	10.0	8.5	---	---	18.5	15.0	20.0	18.5
30	19.5	17.0	17.5	13.0	13.5	9.5	---	---	---	---	21.5	20.0
31	18.5	16.0	---	---	17.0	13.0	---	---	---	---	22.5	21.0
MONTH	---	---	22.5	7.5	19.5	5.0	---	---	---	---	23.0	13.5

02327100 Sopchoppy River near Sopchoppy, Fla.
(hydrologic bench-mark station)

TEMPERATURE (DEG. C) OF WATER. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	22.0	20.0	22.5	20.0	22.5	22.0	24.5	23.0	28.0	25.0	27.0	24.0
2	19.5	17.5	24.0	19.5	22.0	18.5	24.5	23.0	28.0	26.5	27.0	24.0
3	19.0	16.5	24.5	18.0	20.5	18.5	24.0	22.0	27.0	24.0	27.5	24.5
4	19.0	16.0	24.5	18.0	20.5	19.5	25.0	22.5	26.5	24.5	27.5	25.5
5	20.0	16.5	23.0	17.0	20.5	19.5	25.5	24.0	27.0	24.5	26.0	23.0
6	19.5	18.5	24.0	19.5	21.0	19.5	25.0	22.5	27.0	25.0	23.0	22.5
7	20.5	18.5	26.5	20.5	20.5	19.5	23.0	21.5	27.0	25.5	---	---
8	20.0	19.5	23.5	21.0	21.0	19.5	23.0	21.5	27.0	25.0	---	---
9	20.5	18.0	22.0	20.5	21.0	20.0	23.5	22.0	27.0	24.5	---	---
10	20.5	18.0	23.0	19.5	22.5	20.0	24.0	22.5	28.5	25.0	---	---
11	20.5	17.5	23.0	21.0	22.5	20.0	24.5	22.5	29.0	25.5	---	---
12	21.5	18.5	22.0	19.5	23.5	21.0	24.5	23.0	29.0	26.0	---	---
13	21.5	20.0	24.0	19.5	24.5	22.0	25.5	23.5	28.5	25.5	---	---
14	22.0	20.0	23.5	22.0	25.5	22.5	27.0	23.5	26.5	23.0	---	---
15	22.5	20.5	24.5	20.5	25.5	22.5	27.5	25.5	25.5	23.5	---	---
16	23.5	20.0	23.5	21.0	25.5	23.5	28.5	25.5	27.0	24.0	---	---
17	24.0	20.5	22.5	19.5	26.0	24.0	28.5	26.0	27.5	24.0	---	---
18	24.5	20.0	23.0	20.0	26.5	24.5	28.0	25.5	27.0	24.5	---	---
19	24.5	20.5	22.0	18.0	25.5	24.5	27.5	25.0	26.5	23.0	---	---
20	25.5	21.0	20.5	17.0	26.0	22.5	28.5	25.5	26.0	23.0	---	---
21	24.0	21.0	20.5	18.5	23.5	20.5	28.5	26.0	25.5	23.0	---	---
22	22.0	19.5	20.5	19.0	23.5	22.0	27.5	25.5	27.5	24.5	---	---
23	22.0	18.0	20.5	19.5	25.0	22.0	28.0	25.0	29.0	25.5	---	---
24	22.5	18.5	21.0	19.5	25.5	23.0	29.0	25.5	31.0	26.0	---	---
25	20.5	19.0	22.0	20.5	25.5	23.0	28.5	26.5	31.0	27.5	---	---
26	21.5	17.5	21.5	20.5	26.5	23.5	29.0	25.5	29.0	27.5	---	---
27	20.5	16.0	21.5	18.5	26.5	24.0	29.0	25.5	27.5	26.0	---	---
28	21.5	16.0	21.0	20.0	25.5	23.5	28.5	25.5	28.5	24.5	---	---
29	21.0	17.0	21.5	20.0	24.5	23.0	26.5	23.5	29.5	25.5	---	---
30	22.0	18.5	21.0	20.0	24.5	23.5	25.5	23.0	29.0	25.5	---	---
31	---	---	---	---	---	---	27.0	24.5	27.5	26.0	---	---
MONTH	25.5	16.0	26.5	17.0	26.5	18.5	29.0	21.5	31.0	23.0	---	---
YEAR	31.0	3.5										

02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL IRON (FE) (UG/L) (01045)	DISSOLVED IRON (FE) (UG/L) (01046)	TOTAL MANGANESE (MN) (UG/L) (01055)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)
OCT 10...	1630	15.55	612	3.4	--	--	--	1.1	.3	2.2
NOV 18...	1145	9.52	38	5.6	--	320	--	3.7	.8	2.7
DEC 29...	1330	9.36	33	6.3	--	--	--	4.9	.9	4.0
JAN 15...	1200	11.92	212	4.1	--	--	--	1.5	.4	2.2
FEB 18...	1300	9.44	40	4.2	--	--	--	3.4	.4	1.9
MAR 24...	1345	10.22	86	2.9	--	--	--	1.8	.1	2.0
APR 21...	1415	8.36	5.2	6.0	--	--	--	18	1.8	2.2
JUN 01...	1530	12.65	285	2.8	740	--	10	1.7	.1	1.9
16...	1130	10.05	75	3.6	--	--	--	3.3	.1	1.7
JUL 22...	1445	9.90	66	4.1	--	--	--	4.6	1.7	2.0
AUG 19...	1315	10.21	86	4.3	--	--	--	1.5	.1	1.7
SEP 09...	1115	13.12	334	4.0	--	--	--	.1	.3	1.7

DATE	TURBIDITY (JTU) (00070)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	IMMEDIATE COLIFORM (COL. PER 100 ML) (31501)	FECAL COLIFORM (COL. PER 100 ML) (31616)	STREPTOCOCCI (COLONIES PER 100 ML) (31679)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL ALDRIN (UG/L) (39330)	ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333)
OCT 10...	--	6.2	71	--	--	107	852	--	--	--
NOV 18...	3	--	--	--	850	120	836	33	--	--
DEC 29...	3	9.0	77	--	--	--	--	--	--	--
JAN 15...	4	9.7	88	--	--	87	816	--	--	--
FEB 18...	3	8.6	87	--	133	>1	816	--	--	--
MAR 24...	3	--	--	--	--	>1	814	--	--	--
APR 21...	2	7.3	85	--	--	>3	820	--	--	--
JUN 01...	2	7.1	81	1.0	--	>10	824	36	.00	.0
16...	2	7.2	83	--	220	>3	824	--	--	--
JUL 22...	4	7.0	86	--	453	853	108	--	--	--
AUG 19...	3	5.4	63	--	--	--	--	--	--	--
SEP 09...	4	6.8	79	--	--	53	38	--	--	--

02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)
OCT										
10...	.1	0	0	0	1.0	4.1	.2	--	--	--
NOV										
18...	.2	1	0	1	9.3	4.3	.2	.01	.02	.06
DEC										
29...	.2	6	0	5	7.8	5.2	.1	.00	.02	.03
JAN										
15...	.1	0	0	0	2.0	4.0	.1	.03	.03	.04
FEB										
18...	.0	2	0	2	6.8	4.9	.2	.00	.01	.04
MAR										
24...	.1	0	0	0	5.8	4.4	.2	.00	.01	.04
APR										
21...	.2	55	0	45	5.0	4.6	.1	.00	.01	.02
JUN										
01...	.1	0	0	0	10	4.9	.3	.00	.02	.04
16...	.1	0	0	0	11	4.9	.3	.00	.02	.04
JUL										
22...	.1	7	0	6	6.3	4.5	.0	.01	.03	.07
AUG										
19...	.1	0	0	0	10	3.7	.3	.00	.02	.04
SEP										
09...	.1	0	0	0	9.6	3.0	.3	.01	.01	.04

DATE	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)
OCT										
10...	--	--	--	66	12	4	4	44	3.7	23.0
NOV										
18...	.57	.04	.04	76	28	13	12	29	5.3	11.5
DEC										
29...	.42	.04	.03	102	32	16	11	46	6.3	9.0
JAN										
15...	.43	.03	.03	52	14	5	5	34	4.5	11.5
FEB										
18...	.53	.04	.04	66	23	10	9	39	5.9	16.5
MAR										
24...	.54	.04	.03	62	17	5	5	35	4.9	15.5
APR										
21...	.36	.06	.05	86	65	52	7	138	7.2	24.0
JUN										
01...	.44	.02	.02	88	23	5	5	46	4.5	22.5
16...	.54	.06	.04	76	25	9	9	53	5.4	23.5
JUL										
22...	.58	.03	.03	78	27	19	13	34	4.2	26.5
AUG										
19...	.63	.04	.04	98	22	4	4	37	3.7	24.0
SEP										
09...	.63	.03	.02	84	20	2	2	42	3.2	23.5

02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	SUS- PENDED GROSS BETA AS CS-137 (PC/L) (03516)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)	SUS- PENDED GROSS BETA AS SR90 /Y90 (PC/L) (80060)	DIS- SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	SUS- PENDED SEDI- MENT (MG/L) (80154)
OCT							
10...	--	--	--	--	--	--	7
NOV							
18...	--	--	--	--	--	--	4
DEC							
29...	--	--	--	--	--	--	3
JAN							
15...	--	--	--	--	--	--	2
FEB							
18...	--	--	--	--	--	--	3
MAR							
24...	--	--	--	--	--	--	2
APR							
21...	--	--	--	--	--	--	2
JUN							
01...	2.6	.4	2.0	<.4	.07	.10	5
16...	--	--	--	--	--	--	3
JUL							
22...	--	--	--	--	--	--	4
AUG							
19...	--	--	--	--	--	--	6
SEP							
09...	--	--	--	--	--	--	6

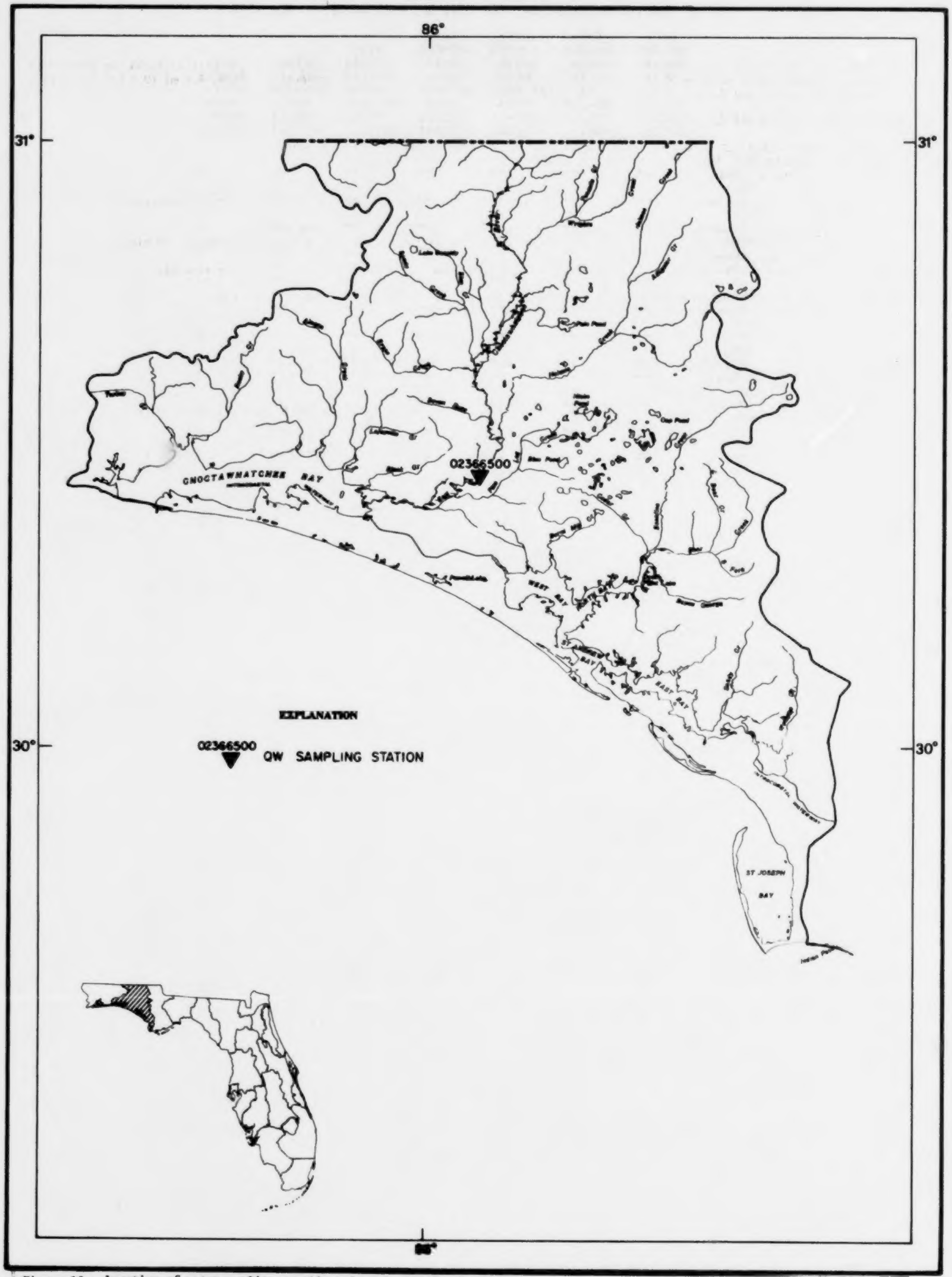
86°
31°
31°
30°
30°
CHOCTAWHATCHEE BAY
02366500
WEST BAY
EAST BAY
ST JOSEPH BAY
EXPLANATION
02366500
QW SAMPLING STATION
86°

Figure 19. Location of water quality sampling sites in the Pea River basin, Choctawhatchee River below Pea River, and inflow to and coastal areas for St. Andrews and Choctawhatchee Bays.

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02366500 Choctawhatchee River near Bruce, Fla.

LOCATION.--Lat 30°27'03", long 85°53'54", in NE¼ sec. 36, T.1 N., R.17 W., Walton County, Hydrologic Unit 03140203, on downstream fender pile at center swing pier of bridge on State Highway 20, 4.0 mi (6.4 km) southeast of Bruce, 5.8 mi (9.3 km) downstream from Holmes Creek, and 21 mi (34 km) upstream from mouth.

DRAINAGE AREA.--4,384 mi² (11,355 km²).

PERIOD OF RECORD.--Chemical analyses: May 1966 to May 1971; November 1974 to current year.
Specific conductance: March 1975 to current year.
Water temperatures: March 1975 to current year.

EXTREMES.--Current year: Specific conductance: Maximum daily, 149 micromhos Aug. 27; minimum daily, 30 micromhos Feb. 1. See REMARKS.
Water temperatures: Maximum, 30.0°C July 22-27, 29; minimum, 7.5°C Jan. 10, 20. See remarks.
Period of record: Specific conductance: Maximum daily, 149 micromhos Aug. 27, 1976; minimum daily, 30 micromhos Feb. 1, 1976. See REMARKS.
Water temperatures: Maximum, 30.0°C July 22-27, 29, 1976; minimum, 7.5°C Jan. 10, 20, 1976. See remarks.

REMARKS.--Conductance values below 30 micromhos are beyond the recording range of the digital monitor. Extremes may have been exceeded during periods of missing record.

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	22.0	22.0	20.5	20.0	15.0	14.5	12.5	12.0	12.5	12.0	18.5	17.0
2	22.5	22.0	20.5	20.0	14.5	13.5	12.5	11.5	12.0	11.5	18.0	17.5
3	22.5	21.5	21.0	20.5	13.5	12.5	13.0	12.5	12.5	11.5	19.5	18.0
4	22.5	22.0	22.0	21.0	13.5	12.5	12.5	11.5	13.0	12.0	20.5	19.5
5	22.0	21.0	22.5	21.5	13.5	13.0	11.0	10.0	14.0	13.0	21.0	20.0
6	21.0	21.0	22.5	22.0	14.0	13.5	10.5	9.5	14.5	14.0	22.0	21.0
7	21.5	21.0	22.5	22.0	14.5	14.0	11.0	10.5	14.0	13.0	22.0	21.5
8	22.0	21.0	23.0	22.5	14.5	14.5	11.0	10.0	13.0	12.0	21.5	20.5
9	22.5	22.0	23.0	22.5	14.5	14.0	10.0	8.0	12.5	11.5	21.0	20.0
10	23.0	22.5	23.0	23.0	14.0	13.0	8.0	7.5	13.0	12.0	20.5	19.5
11	24.0	23.0	23.0	22.5	13.0	12.5	9.0	8.0	14.0	12.5	19.0	18.5
12	24.0	23.0	23.0	23.0	13.0	12.0	10.0	9.0	15.0	14.0	19.0	18.5
13	24.5	23.5	22.5	19.5	13.5	12.5	11.0	9.5	16.0	15.0	19.5	19.0
14	24.5	24.0	19.5	16.5	14.0	13.5	11.5	11.0	16.5	16.0	19.5	18.0
15	24.5	24.5	16.5	15.5	15.0	14.0	11.5	11.0	17.5	16.5	18.0	17.5
16	24.5	24.5	15.5	15.0	15.5	15.0	11.0	10.5	18.5	17.5	19.0	18.0
17	24.5	24.0	15.0	14.5	16.0	15.5	11.0	10.0	19.0	18.0	18.5	17.0
18	24.0	23.0	15.0	14.5	16.0	13.5	10.0	8.5	19.5	19.0	17.0	16.0
19	23.0	22.5	15.5	14.5	13.5	11.0	8.5	8.0	20.0	19.5	17.0	16.0
20	22.0	21.0	16.0	15.0	11.0	10.0	8.5	7.5	20.0	19.5	19.0	17.0
21	21.0	20.5	16.0	15.5	10.0	9.5	9.0	8.0	20.0	19.5	19.0	18.5
22	20.5	20.0	15.5	14.0	9.5	8.5	9.5	8.5	20.0	19.0	19.0	17.5
23	21.0	20.5	14.0	13.0	9.5	8.0	9.5	8.5	18.5	16.5	17.5	17.0
24	21.0	20.5	13.0	12.5	9.5	8.0	10.5	9.5	16.5	15.5	17.5	17.0
25	21.0	20.5	12.5	12.0	10.0	8.5	12.0	10.5	16.0	15.5	18.5	17.5
26	21.0	20.5	12.5	12.0	10.0	10.0	13.5	12.0	16.5	16.0	18.5	18.0
27	21.0	21.0	13.5	12.5	10.5	9.5	13.5	13.0	16.5	15.5	18.0	17.5
28	21.5	21.0	13.5	13.0	10.5	9.5	13.0	11.5	17.0	16.0	19.5	18.0
29	22.0	21.0	14.0	13.0	10.5	10.0	11.5	11.0	17.5	16.5	20.0	19.5
30	22.0	21.5	15.0	14.0	11.5	10.5	12.0	11.0	---	---	21.0	20.0
31	21.5	21.0	---	---	13.0	11.5	12.0	11.0	---	---	22.0	21.0
MONTH	24.5	20.0	23.0	12.0	16.0	8.0	13.5	7.5	20.0	11.5	22.0	16.0

02366500 Choctawhatchee River near Bruce, Fla.

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	21.0	20.5	22.5	21.5	24.5	23.5	27.5	27.0	29.0	28.0	28.0	27.5
2	20.5	19.5	22.0	21.5	24.5	24.0	27.5	27.0	29.0	28.5	28.0	27.0
3	20.0	19.5	22.0	21.0	24.5	24.0	28.0	27.0	29.0	28.0	28.5	27.5
4	20.0	19.5	22.0	21.0	25.0	24.5	28.5	27.5	28.5	27.5	28.5	27.5
5	20.5	19.5	21.5	20.5	24.5	24.0	28.0	27.5	27.5	27.0	28.0	27.0
6	20.0	20.0	22.0	21.0	23.5	23.0	27.5	26.5	28.0	27.0	27.5	27.0
7	20.0	19.5	22.5	22.0	23.0	22.5	26.5	25.5	28.5	27.5	27.0	26.5
8	20.0	19.5	22.5	22.0	23.5	22.5	26.0	25.5	29.0	28.0	26.5	25.5
9	20.0	19.5	22.5	22.0	24.0	23.0	27.0	25.5	28.5	28.0	26.5	25.5
10	20.0	19.5	22.0	21.5	24.5	23.5	27.0	26.5	28.5	27.5	27.0	26.0
11	20.5	19.5	22.0	21.5	25.0	24.0	27.5	27.0	29.0	27.5	26.5	25.5
12	21.0	20.0	22.5	21.5	25.5	24.5	28.0	27.0	29.0	28.0	25.5	25.0
13	21.0	20.5	23.0	22.0	26.0	25.0	27.5	27.0	29.0	28.5	25.5	25.0
14	21.5	20.5	23.5	23.0	26.5	25.5	28.5	27.0	29.0	28.0	25.0	25.0
15	22.0	21.0	24.0	23.0	27.0	26.0	29.0	28.0	29.0	28.5	25.0	24.5
16	22.5	21.0	23.5	23.0	27.0	26.5	29.0	28.5	29.0	28.5	25.0	24.0
17	22.5	21.5	23.5	22.5	27.5	26.5	29.0	28.5	29.0	28.0	25.0	24.5
18	22.5	21.5	23.5	23.0	27.5	27.0	29.0	28.0	29.0	27.5	25.5	24.5
19	23.0	22.5	23.0	22.0	27.5	27.0	29.0	28.5	28.5	27.0	26.0	25.0
20	24.0	22.5	22.5	21.5	27.0	26.0	29.5	28.5	27.5	26.5	26.5	25.5
21	24.5	23.0	22.5	22.0	26.5	25.5	29.5	28.5	27.5	26.5	26.5	25.5
22	24.5	23.5	22.5	22.0	26.5	25.5	30.0	29.0	28.0	27.0	26.0	25.0
23	24.5	23.5	22.5	22.0	26.5	25.5	30.0	29.0	28.5	27.0	25.5	25.0
24	24.5	23.5	23.0	22.5	26.5	25.5	30.0	29.0	28.5	27.5	25.0	25.0
25	24.5	24.0	23.5	22.5	26.5	26.0	30.0	29.0	28.5	28.0	25.5	25.0
26	24.0	23.0	23.0	22.5	27.0	26.0	30.0	29.0	28.5	27.5	25.5	25.0
27	23.5	22.5	23.0	22.5	28.0	27.0	30.0	29.0	27.5	27.0	26.0	25.0
28	22.5	21.5	23.0	22.5	28.0	27.5	29.5	29.0	27.5	27.0	26.5	25.5
29	22.5	21.5	23.0	22.5	27.5	27.0	30.0	29.0	28.0	27.0	26.5	26.0
30	22.5	22.0	23.0	22.5	27.0	27.0	29.5	28.5	28.5	27.0	26.5	25.5
31	---	---	24.0	23.0	---	---	29.0	28.0	28.5	27.5	---	---
MONTH	24.5	19.5	24.0	20.5	28.0	22.5	30.0	25.5	29.0	26.5	28.5	24.0
YEAR	30.0	7.5										

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02366500 Choctawhatchee River near Bruce, Fla.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	39	34	57	55	59	58	56	53	34	30	55	51
2	44	39	59	56	58	53	56	54	31	---	57	55
3	49	44	62	59	56	52	56	53	32	---	61	58
4	55	50	65	62	56	52	55	53	35	31	65	61
5	58	56	68	65	55	51	53	50	38	34	68	65
6	59	58	70	68	52	46	51	47	41	38	71	68
7	58	56	72	69	46	43	51	47	45	41	74	71
8	56	52	73	71	45	43	52	49	47	44	75	73
9	53	51	74	72	48	45	53	51	50	46	74	72
10	52	50	74	72	52	47	54	50	52	49	75	72
11	52	48	73	69	54	50	54	52	52	50	75	72
12	48	46	69	65	56	53	53	51	54	51	73	68
13	47	46	66	61	57	55	51	47	56	53	68	66
14	47	46	62	58	60	57	47	46	58	55	67	63
15	48	46	59	56	61	59	49	45	60	57	64	61
16	49	48	58	53	64	61	50	47	62	59	65	61
17	52	47	56	50	67	64	52	50	64	62	67	63
18	56	52	53	47	68	67	53	51	66	64	67	65
19	56	50	51	48	68	66	55	52	68	65	67	62
20	52	48	53	50	67	66	56	53	68	67	62	58
21	50	45	57	53	67	64	58	55	69	68	58	55
22	46	39	59	56	66	63	60	57	70	68	56	55
23	39	34	62	59	65	61	62	59	70	68	56	53
24	35	32	64	59	65	62	64	62	70	64	55	53
25	36	34	66	61	65	64	65	63	64	55	56	55
26	37	35	66	62	67	66	65	62	54	46	56	56
27	40	38	65	61	68	65	61	59	46	41	56	54
28	43	40	66	62	68	64	60	58	46	41	58	55
29	47	44	67	64	67	61	58	53	50	46	59	58
30	51	47	65	59	61	56	52	42	---	---	59	53
31	55	51	---	---	56	55	41	34	---	---	53	49
MONTH	59	32	74	47	68	43	65	34	70	30	75	49

CHOCTAWHATCHEE RIVER BELOW PEA RIVER

02366500 Choctawhatchee River near Bruce, Fla.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATFR YEAR OCTOBER 1975 TO SEPTEMBER 1976

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	49	42	69	68	49	46	97	92	106	99	95	92
2	42	37	70	68	51	48	97	93	98	94	103	95
3	39	36	70	63	55	52	100	98	93	87	112	103
4	39	37	63	55	59	55	99	98	90	87	121	112
5	39	35	55	47	59	57	99	97	86	79	121	120
6	35	32	47	45	58	54	98	96	86	79	121	114
7	35	31	47	44	55	53	96	93	94	86	114	98
8	39	35	53	47	54	52	93	90	100	94	97	89
9	44	39	59	53	54	53	90	82	102	100	88	82
10	49	44	66	60	55	54	83	82	105	100	82	80
11	54	49	67	66	59	55	83	82	109	105	81	78
12	58	54	67	65	63	59	83	82	104	90	80	79
13	62	58	69	66	69	64	84	81	90	87	81	78
14	67	63	73	69	76	69	89	85	97	88	87	81
15	70	67	75	73	83	77	94	89	111	98	98	88
16	72	70	76	73	89	83	101	94	118	112	112	99
17	73	70	73	63	93	89	104	101	117	112	121	113
18	73	71	63	52	99	94	109	105	112	109	126	121
19	73	71	52	40	102	100	112	109	108	105	129	126
20	76	73	40	32	103	101	111	110	109	104	133	129
21	80	77	34	32	104	101	111	109	115	109	135	132
22	83	80	36	33	102	98	114	111	121	115	138	135
23	86	84	41	36	98	94	119	114	125	122	138	136
24	90	87	47	41	94	89	123	117	129	125	138	136
25	90	89	52	48	88	85	125	123	138	128	138	137
26	92	89	53	49	87	85	126	123	147	129	138	135
27	92	88	50	45	89	87	123	115	149	146	134	126
28	89	80	44	42	90	88	114	112	147	138	125	113
29	80	74	42	39	93	89	121	112	137	115	112	101
30	75	69	43	40	97	94	115	111	113	95	101	96
31	---	---	46	44	---	---	111	106	95	91	---	---
MONTH	92	31	76	32	104	46	126	81	149	79	138	78
YEAR	149	30										

02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL IRON (FE) (UG/L) (01045)	DISSOLVED IRON (FE) (UG/L) (01046)	TOTAL MANGANESE (MN) (UG/L) (01055)	DISSOLVED MANGANESE (MN) (UG/L) (01056)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)
OCT											
07...	1330	9.20	17000	6.3	--	490	--	--	8.2	1.3	2.3
NOV											
12...	1000	6.83	9180	6.5	2200	590	60	50	9.0	1.8	2.7
DEC											
17...	1050	5.77	6346	5.7	--	--	--	--	9.4	1.1	2.9
JAN											
22...	1155	7.00	9610	3.9	--	--	--	--	8.3	1.3	2.6
FEB											
26...	1015	6.81	9140	2.8	1700	480	30	0	5.9	.5	2.5
MAR											
30...	1430	7.28	10300	4.3	--	--	--	--	8.0	.8	2.6
APR											
29...	1415	4.80	5430	5.7	--	--	--	--	10	1.6	3.0
MAY											
20...	1200	8.48	14100	4.2	2400	940	50	0	8.2	.2	1.5
JUN											
24...	1200	5.18	6040	6.4	--	--	--	--	32	3.8	2.9
JUL											
29...	1315	3.52	3920	6.1	--	--	--	--	16	2.4	3.6
AUG											
26...	0945	2.35	2980	7.0	980	50	100	40	18	2.5	3.7

DATE	TURBIDITY (JTU) (00070)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL PHYTOPLANKTON (CELLS PER ML) (60050)	FECAL COLIFORM (COL. PER 100 ML) (31616)	STREPTOCOCCI (COLONIES PER 100 ML) (31679)	TOTAL ORGANIC CARBON (C) ([illegible]/L) ([illegible]80)	TOTAL ALDRIN (UG/L) (39330)	ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333)
OCT										
07...	9	6.1	69	--	1	B30	172	--	--	--
NOV										
12...	15	4.4	48	--	230	B43	136	8.0	ND	ND
DEC										
17...	15	4.5	44	--	350	B70	176	--	--	--
JAN										
22...	15	10.1	85	--	190	B17	B10	--	--	--
FEB										
26...	25	8.1	81	--	130	177	188	7.0	ND	--
MAR										
30...	15	6.7	73	--	80	B50	80	--	--	--
APR										
29...	25	7.1	79	--	58	B47	B16	--	--	--
MAY										
20...	65	6.3	70	.7	1100	B33	B182	6.0	ND	--
JUN										
24...	20	6.0	72	--	720	B27	128	--	--	--
JUL										
29...	25	4.5	56	--	--	77	B30	--	--	--
AUG										
26...	15	6.3	78	--	100	40	40	4.0	ND	--

02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)
OCT 07...	1.5	23	0	19	2.5	4.0	.1	.04	.01	.01
NOV 12...	1.1	32	0	26	2.3	5.0	.2	.14	.01	.08
DEC 17...	.8	30	0	25	1.6	4.1	.0	.18	.03	.03
JAN 22...	.7	30	0	25	1.6	4.5	.1	.18	.02	.01
FEB 26...	.9	24	0	20	2.4	3.9	.1	.16	.02	.02
MAR 30...	.7	27	0	22	1.6	4.1	.1	.18	.02	.04
APR 29...	.9	33	0	27	2.5	4.4	.0	.30	.01	.01
MAY 20...	1.0	17	0	14	2.9	3.2	.0	.11	.03	.04
JUN 24...	.4	111	0	91	1.6	4.8	.1	.23	.01	.03
JUL 29...	1.1	51	0	42	1.6	5.0	.0	.28	.02	.03
AUG 26...	.9	63	0	52	1.2	5.3	.1	.31	.01	.03

DATE	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)
OCT 07...	.27	.02	.01	50	38	26	7	64	6.3	22.0
NOV 12...	.20	.04	.02	29	45	30	4	69	7.0	21.0
DEC 17...	.13	.04	.02	38	41	28	3	72	7.0	15.5
JAN 22...	.28	.03	.02	51	38	26	1	54	7.4	8.0
FEB 26...	.25	.04	.03	42	31	17	0	48	7.0	16.0
MAR 30...	.28	.03	.02	50	36	23	1	70	7.1	20.5
APR 29...	.28	.05	.02	50	44	32	5	76	7.2	21.5
MAY 20...	.28	.07	.07	56	31	21	7	34	--	21.0
JUN 24...	.24	.04	.02	106	107	96	5	90	6.8	25.5
JUL 29...	.15	.05	.03	76	61	50	8	114	6.9	28.0
AUG 26...	.14	.03	.01	98	70	55	3	146	7.3	27.0

02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	SUSPENDED SEDIMENT (MG/L) (80154)
OCT	
07...	5
NOV	
12...	7
DEC	
17...	8
JAN	
22...	5
FEB	
26...	9
MAR	
30...	9
APR	
29...	14
MAY	
20...	15
JUN	
24...	13
JUL	
29...	22
AUG	
26...	16

SURFACE WATER QUALITY RECORDS

Field Measurements

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SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02313400 - WACCASASSA RIVER NR BRONSON, FLA. (LAT 29 28 32 LONG 082 42 58)											
NOV , 1975 18...	1400	3.32	--	--	--	53	--	15.5	--	8.5	--
JAN , 1976 27...	1410	3.32	--	--	--	70	--	17.0	--	8.2	--
MAR 12...	1420	3.10	--	--	--	64	--	21.0	--	9.2	--
MAY 17...	0930	2.25	--	--	--	132	--	24.5	--	6.3	--
JUN 28...	1100	2.22	--	--	--	128	--	30.0	--	5.0	--
02313448 - LITTLE WACCASASSA RIVER NR BRONSON, FLA. (LAT 29 28 34 LONG 082 41 13)											
NOV , 1975 18...	1200	1.75	--	.20	--	73	--	15.5	--	7.4	--
JAN , 1976 27...	1600	1.80	--	1.1	--	70	--	15.0	--	7.4	--
MAR 12...	1515	1.40	--	.00	--	85	--	24.0	--	9.9	--
MAY 17...	1000	1.35	--	.00	--	118	--	23.5	--	5.4	--
JUN 28...	1020	1.52	--	.00	--	108	--	28.5	--	5.0	--
SEP 16...	0945	1.82	--	.70	--	31	5.9	21.0	--	4.3	47
02313450 - BLUE SPRING NR BRONSON FLA (LAT 29 27 02 LONG 082 41 57)											
NOV , 1975 18...	1900	39.20	--	8.2	--	190	--	20.5	--	6.0	--
JAN , 1976 27...	0900	39.32	--	7.1	--	185	--	18.0	--	4.4	--
MAR 15...	1030	39.13	--	7.6	--	188	--	22.0	--	4.6	--
MAY 17...	1130	39.27	--	7.3	--	305	--	22.5	--	4.7	--
JUL 02...	0840	39.86	--	4.7	--	132	--	23.0	--	3.0	--
SEP 16...	1400	39.10	--	7.7	--	143	7.7	23.5	--	3.5	40
02313510 - CHUNKY POND NR BRONSON, FLA. (LAT 29 23 36 LONG 082 37 19)											
NOV , 1975 19...	1000	--	51.47	--	--	28	--	19.0	--	--	--
JAN , 1976 19...	1400	--	51.38	--	--	31	--	21.0	--	--	--
MAR 15...	1310	--	51.10	--	--	36	--	19.0	--	--	--
MAY 17...	1440	--	49.70	--	--	95	--	35.5	--	--	--
JUL 02...	1620	--	49.66	--	--	55	--	36.5	--	--	--
SEP 20...	1600	49.18	--	--	--	360	--	34.5	--	--	--
02313600 - WEKIVA SPRINGS NR GULF HAMMOCK FLA (LAT 29 16 49 LONG 082 39 23)											
OCT , 1975 08...	1330	11.10	--	53	--	175	--	23.5	--	2.0	23
SEP , 1976 01...	1400	11.08	--	50	--	170	--	22.0	--	4.6	52

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02313700 - WACCASASSA RIVER NR GULF HAMMOCK, FLA. (LAT 29 12 14 LONG 082 46 09)											
OCT , 1975											
08...	1100	2.06	--	1150	83	200	6.8	25.0	--	4.7	56
NOV											
20...	1700	1.22	--	-330	--	--	--	16.0	--	8.6	--
JAN , 1976											
29...	1300	.52	--	-239	--	340	--	12.0	--	9.3	--
MAR											
18...	1200	-1.30	--	131	--	318	--	15.0	--	8.8	--
MAY											
04...	1250	-.07	--	185	144	575	7.5	20.0	80	7.6	62
18...	1330	1.57	--	588	--	1770	--	22.0	--	5.8	--
JUL											
27...	1400	1.69	--	-377	--	420	--	28.0	--	--	--
SEP											
20...	1330	2.78	--	-588	--	1000	--	24.5	--	6.9	--
02314200 - TENMILE CREEK AT LEBANON STATION, FLA. (LAT 29 09 39 LONG 082 38 21)											
OCT , 1975											
07...	1300	8.16	--	166	--	85	--	25.0	--	3.2	38
DEC											
03...	1600	3.99	--	4.1	--	115	--	15.5	--	--	--
JAN , 1976											
30...	1500	4.48	--	11	--	175	--	10.5	--	10.2	--
MAR											
18...	1400	3.32	--	.27	--	500	--	18.0	--	--	--
MAY											
19...	0835	6.15	--	39	--	112	--	26.0	--	6.0	--
JUL											
09...	1630	5.64	--	29	--	112	--	26.0	--	6.0	--
SEP											
09...	1000	5.56	--	26	--	45	--	23.0	--	6.1	70
02314205 - HORSE HOLE CREEK NR LEBANON STATION, FLA. (LAT 29 08 01 LONG 082 38 14)											
OCT , 1975											
07...	1330	18.86	--	16	--	--	--	--	--	--	--
DEC											
03...	1630	18.08	--	.04	--	--	--	--	--	--	--
JAN , 1976											
30...	1510	18.17	--	.60	--	--	--	--	--	--	--
MAR											
18...	--	--	--	.04	--	--	--	--	--	--	--
MAY											
19...	1505	18.35	--	3.6	--	--	--	--	--	--	--
JUL											
30...	1630	18.32	--	1.9	--	--	--	--	--	--	--
SEP											
09...	--	18.08	--	.10	--	--	--	--	--	--	--
02314986 - ROCKY CREEK NR BELMONT, FLA. (LAT 30 32 40 LONG 082 44 02)											
DEC , 1975											
09...	1130	1.60	--	.30	--	160	7.0	14.0	--	3.7	35
FEB , 1976											
03...	1230	2.64	--	13	--	85	3.7	10.0	--	9.6	84
APR											
06...	1030	2.34	--	10	0	85	3.7	17.0	--	7.6	78
MAY											
03...	1400	1.49	--	.16	10	73	5.7	22.5	--	5.5	62
JUN											
03...	1330	8.12	--	178	0	93	3.8	22.0	--	5.4	61
JUL											
06...	1730	2.84	--	19	0	88	3.8	23.0	--	5.9	68
AUG											
04...	1300	1.52	--	.00	10	72	5.9	25.5	--	4.6	55
30...	1645	1.51	--	.16	13	78	5.9	28.0	--	5.0	63

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02315000 - SUWANNEE R NR BENTON FLA (LAT 30 30 30 LONG 082 41 50)											
DEC , 1975											
09...	1330	75.82	--	244	--	48	4.5	16.0	--	9.3	93
FEB , 1976											
03...	1400	81.51	--	1950	--	42	4.1	10.5	--	10.2	91
APR											
06...	1200	78.36	--	887	--	42	4.3	20.0	--	8.4	91
JUN											
01...	1800	92.18	--	6330	--	56	4.0	23.0	--	5.2	60
AUG											
04...	1500	78.53	--	920	--	43	4.2	27.0	--	6.9	85
02315005 - HUNTER CREEK NEAR BELMONT FLA (LAT 30 29 20 LONG 082 41 40)											
DEC , 1975											
08...	1145	7.40	--	1.5	--	250	6.9	16.5	--	6.4	65
FEB , 1976											
03...	0915	8.25	--	11	--	585	6.6	10.0	--	9.2	81
APR											
05...	1800	7.36	--	2.4	30	120	6.7	19.0	--	6.3	67
MAY											
03...	1645	7.32	--	2.4	69	210	7.3	20.5	--	7.6	83
21...	1100	7.98	--	8.6	49	485	7.1	21.5	--	6.3	70
JUN											
03...	1000	8.36	--	12	17	100	6.5	23.0	--	6.0	69
JUL											
06...	1445	7.98	--	9.1	55	145	6.9	25.5	--	6.0	72
AUG											
04...	0930	8.55	--	16	35	410	7.0	26.5	--	5.7	70
30...	1515	7.89	--	7.6	26	400	7.1	26.5	--	5.3	65
02315200 - DEEP CREEK NR SUWANNEE VALLEY FL (LAT 30 21 55 LONG 082 37 13)											
APR , 1976											
06...	1530	2.81	--	4.5	17	60	6.3	18.0	--	7.0	73
MAY											
04...	1300	2.91	--	7.9	2	42	5.6	20.5	--	7.0	77
24...	1730	10.20	--	466	0	50	4.2	21.5	--	5.5	62
JUL											
07...	1200	4.80	--	66	0	48	4.2	23.5	--	6.9	80
AUG											
04...	1630	2.84	--	5.1	12	65	6.5	25.5	--	6.1	73
31...	1230	2.91	--	6.8	31	90	6.6	24.5	--	7.0	83
02315392 - ROBINSON CR NR SUWANNEE VALLEY FL (LAT 30 18 56 LONG 082 38 41)											
APR , 1976											
07...	1730	1.24	--	1.2	37	108	6.8	20.0	--	5.8	63
MAY											
04...	1400	1.00	--	.86	38	105	7.0	19.5	--	--	--
24...	1600	6.20	--	221	0	51	4.3	22.0	--	5.3	60
JUN											
03...	1815	3.55	--	34	0	67	4.1	23.5	--	5.5	64
JUL											
07...	0940	2.97	--	25	0	50	4.5	23.5	--	6.0	69
AUG											
05...	0900	1.48	--	2.7	4	54	5.7	24.0	--	5.8	68
31...	1515	1.29	--	2.3	55	100	7.1	24.0	--	6.1	71

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02315500 - SUWANNEE RIVER AT WHITE SPRINGS, FLA. (LAT 30 19 32 LONG 082 44 18)											
OCT , 1975											
01...	1045	7.29	--	1500	0	46	4.2	23.5	--	7.5	87
DEC											
09...	0900	3.04	--	260	--	60	5.7	14.0	--	9.2	88
FEB , 1976											
02...	1600	7.96	--	1700	--	37	4.3	10.5	--	10.0	89
APR											
06...	1700	5.33	--	849	0	36	4.5	20.0	--	8.4	91
JUN											
01...	1540	18.45	--	5780	--	56	4.2	22.5	--	5.6	64
AUG											
03...	1715	4.41	--	598	--	40	4.7	28.5	--	6.8	86
02315520 - SWIFT CREEK AT FACIL FLA (LAT 30 22 14 LONG 082 48 00)											
DEC , 1975											
08...	1500	.82	--	8.9	--	870	6.3	17.5	--	5.6	58
FEB , 1976											
02...	1330	2.82	--	106	--	420	6.3	11.0	--	8.8	79
APR											
05...	1400	1.80	--	64	35	450	6.7	21.0	--	4.6	51
MAY											
03...	1850	1.01	--	28	26	630	6.5	24.5	--	5.3	62
21...	1330	1.14	--	24	30	670	6.6	23.5	--	4.9	57
24...	1200	4.45	--	219	0	365	6.0	22.5	--	4.9	56
JUN											
01...	1330	1.50	--	42	--	295	5.9	25.0	--	3.3	39
JUL											
06...	1300	.69	--	18	0	345	6.0	26.0	--	3.6	43
AUG											
03...	1430	2.40	--	73	0	475	6.4	27.5	--	3.2	40
30...	1245	1.52	--	40	11	455	6.7	27.5	--	5.1	63
02315550 - SUWANNEE RIVER AT SUWANNEE SPRINGS FLA (LAT 30 23 34 LONG 082 56 00)											
OCT , 1975											
01...	1330	44.29	--	1500	--	67	5.9	23.5	--	6.9	80
DEC											
08...	1345	39.22	--	430	--	138	7.0	16.0	--	7.9	79
FEB , 1976											
03...	1545	45.50	--	1800	--	52	5.1	11.0	--	10.1	91
APR											
07...	0930	42.25	--	1040	--	65	6.4	19.5	--	7.7	83
JUN											
01...	1430	56.22	--	5990	--	55	4.3	23.5	--	6.0	69
AUG											
03...	1600	41.26	--	815	--	100	6.5	28.0	--	6.2	78
02319000 - WITHLACOOCHEE RIVER NEAR PINETTA, FLA. (LAT 30 35 43 LONG 083 15 35)											
DEC , 1975											
08...	1145	6.98	--	244	--	285	7.5	17.0	--	5.5	56
FEB , 1976											
02...	1045	13.20	--	4120	--	38	6.0	9.5	--	9.9	86
APR											
05...	1030	9.72	--	1770	27	85	6.7	18.0	--	7.1	74
JUN											
01...	1100	29.80	--	16900	--	39	5.5	23.0	--	4.2	48
AUG											
03...	0930	7.67	--	544	--	155	7.3	28.0	--	5.5	69

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02320500 - SUWANNEE RIVER AT BRANFORD. FLA. (LAT 29 57 20 LONG 082 55 40)											
OCT . 1975 08...	1030	8.80	--	5550	111	--	7.3	23.5	--	6.1	71
NOV 12...	1100	6.63	--	3890	136	270	7.3	22.0	--	6.2	70
DEC 11...	1100	5.37	--	3200	150	225	8.0	17.0	--	7.7	79
JAN . 1976 14...	1125	9.15	--	6330	45	120	7.0	13.0	--	8.9	83
FEB 05...	1000	11.23	--	7880	10	54	6.7	11.5	--	9.5	86
MAR 09...	0900	7.91	--	5290	109	220	7.5	20.5	--	6.3	69
APR 09...	0930	8.94	--	5790	70	160	7.4	19.5	--	6.4	69
MAY 05...	1330	5.76	--	3640	147	300	8.0	22.5	--	6.7	76
JUN 02...	1530	18.95	--	16900	0	43	6.0	23.5	--	5.2	60
JUL 08...	1230	13.44	--	10300	48	105	7.2	25.0	--	5.4	64
AUG 06...	1030	8.32	--	5656	135	220	7.7	21.0	--	5.9	65
SEP 10...	1015	7.32	--	4550	101	180	7.6	24.5	--	6.1	72
02320600 - SANTA FE LAKE NR KEYSTONE HTS. FLA. (LAT 29 45 38 LONG 082 04 30)											
OCT . 1975 02...	1545	8.48	--	--	2	78	6.1	28.0	--	6.6	83
APR . 1976 08...	1230	7.86	--	--	1	50	7.1	20.5	--	8.2	90
JUL 07...	1900	8.10	--	--	--	60	7.1	23.5	--	7.9	92
02320700 - SANTA FE RIVER NEAR GRAHAM. FLA. (LAT 29 50 46 LONG 082 13 11)											
OCT . 1975 07...	0915	5.70	--	60	3	53	4.7	23.0	--	6.2	71
APR . 1976 08...	1415	3.48	--	1.9	80	150	7.0	18.0	--	7.2	75
02320800 - SAMPSON RIVER AT SAMPSON FLA (LAT 29 55 07 LONG 082 12 39)											
SEP . 1976 09...	1445	--	--	--	10	180	6.6	28.0	--	--	--
02320815 - SAMPSON RIVER AT GRAHAM FLA (LAT 29 51 36 LONG 082 13 47)											
SEP . 1976 09...	1330	--	--	--	8	125	6.5	27.0	--	--	--
02320951 - HEILBRONN SPRING NEAR LAWTEY FLA (LAT 30 01 24 LONG 082 09 23)											
SEP . 1976 15...	1500	--	--	--	196	340	7.6	21.0	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02321000 - NEW RIVER NR LAKE BUTLER FLA (LAT 29 59 53 LONG 082 16 27)											
OCT , 1975											
02...	1400	6.10	--	209	10	60	5.4	24.0	--	5.1	60
DEC											
10...	0930	1.94	--	13	90	240	7.2	13.0	--	7.0	66
FEB , 1976											
04...	0830	7.09	--	392	6	56	6.1	10.5	--	8.9	79
APR											
08...	1100	2.09	--	17	69	210	7.2	18.0	--	6.4	67
JUN											
02...	0915	6.01	--	216	10	77	6.0	22.5	--	5.0	57
AUG											
05...	1615	4.65	--	100	12	73	6.5	25.0	--	6.3	75
02321500 - SANTA FE RIVER AT WORTHINGTON SPRINGS, FLA. (LAT 29 55 18 LONG 082 25 35)											
OCT , 1975											
07...	1130	13.19	--	540	10	83	5.7	23.5	--	5.7	66
APR , 1976											
08...	1600	8.13	--	46	48	160	7.2	18.0	--	8.0	57
02321800 - OLUSTEE CREEK NR PROVIDENCE FLA (LAT 30 00 14 LONG 082 34 20)											
OCT , 1975											
02...	0930	59.72	--	96	0	45	4.7	23.5	--	4.8	55
DEC											
10...	1140	56.41	--	1.7	4	41	5.5	13.0	--	4.6	43
FEB , 1976											
04...	1045	59.10	--	40	8	54	6.4	10.5	--	9.5	84
APR											
08...	0900	57.72	--	12	10	59	6.2	19.0	--	4.6	49
JUN											
02...	1100	59.58	--	64	0	57	4.9	23.5	--	4.7	54
AUG											
06...	0845	57.68	--	12	0	52	5.0	25.0	--	5.3	53
02321998 - SANTA FE RIVER .1 MILE ABOVE US HWY 27 (LAT 29 50 40 LONG 082 37 50)											
SEP , 1976											
09...	0930	--	--	--	40	122	7.0	25.0	--	--	--
02322000 - SANTA FE RIVER NR HIGH SPRINGS (LAT 29 50 33 LONG 082 37 52)											
SEP , 1976											
08...	1250	--	--	--	136	380	7.4	25.0	--	--	--
02322540 - SANTA FE RIVER AT SR 47 NEAR FORT WHITE FLA (LAT 29 51 54 LONG 082 44 25)											
SEP , 1976											
08...	1100	--	--	--	176	370	7.4	23.0	--	--	--
02322600 - ALLIGATOR LAKE AT LAKE CITY FLA (LAT 30 10 31 LONG 082 37 55)											
OCT , 1975											
06...	1430	10.20	--	--	44	115	8.7	23.5	--	8.4	98
APR , 1976											
07...	0830	6.82	--	--	30	90	6.7	18.0	--	6.9	72

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02322700 - ICHATUCKNEE SPRINGS NR HILDRETH FLA (LAT 29 57 09 LONG 082 47 10)											
OCT , 1975 03...	0930	15.61	--	400	173	310	7.4	21.5	--	4.2	47
APR , 1976 09...	0800	15.20	--	336	165	280	7.6	20.5	--	5.2	57
02323490 - COPPER SPRING NR OLD TOWN FLA (LAT 29 36 50 LONG 082 58 26)											
NOV , 1975 11...	1600	--	--	24	243	390	7.1	21.5	--	1.0	11
02323500 - SUWANNFE RIVER NEAR WILCOX, FLA. (LAT 29 35 22 LONG 082 56 12)											
OCT , 1975 06...	1215	4.92	--	9150	--	--	7.3	23.5	--	6.0	69
DEC 10...	1500	2.87	--	5610	--	320	7.8	14.0	--	8.0	77
FEB , 1976 04...	1300	4.97	--	9240	--	120	7.3	12.5	--	8.9	83
APR 09...	1200	3.89	--	8340	--	200	7.5	20.0	--	6.7	73
JUN 02...	1400	8.15	--	17800	--	58	6.4	23.5	--	5.4	62
AUG 06...	1200	4.12	--	8790	--	240	7.7	25.0	--	6.7	80
02324000 - STEINHATCHEE RIVER NEAR CROSS CITY, FLA. (LAT 29 47 11 LONG 083 19 18)											
NOV , 1975 25...	1230	2.88	--	43	227	298	7.0	11.5	--	8.6	78
FEB , 1976 05...	1400	5.20	--	464	80	213	7.1	12.0	--	8.1	74
APR 01...	1230	3.46	--	118	120	230	6.7	22.0	--	7.3	82
JUN 07...	1230	3.59	--	139	--	230	7.4	22.5	--	6.9	78
AUG 04...	1200	3.09	--	83	--	340	6.8	25.0	--	5.4	64
02324500 - FENHOLLOWAY RIVER AT FOLEY, FLA. (LAT 30 03 53 LONG 083 32 01)											
OCT , 1975 03...	1145	10.90	--	92	294	2000	7.5	27.5	--	4.8	60
DEC 02...	1500	10.70	--	76	273	2150	7.3	21.5	--	5.9	66
FEB , 1976 03...	1330	11.68	--	138	128	1300	7.0	15.5	--	8.1	80
APR 22...	1100	10.60	--	72	240	2280	7.4	28.0	--	2.8	35
JUN 03...	1600	11.00	--	108	136	1950	6.9	29.0	--	5.2	67
AUG 04...	1400	10.55	--	80	239	2450	7.0	31.5	--	2.4	32

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02326000 - ECONFINA RIVER NEAR PERRY, FLA. (LAT 30 10 14 LONG 083 49 26)											
DEC , 1975											
02...	1300	2.93	--	36	251	325	7.1	16.0	--	5.6	56
FEB , 1976											
02...	1330	6.26	--	262	45	77	7.1	10.5	--	9.6	85
MAR											
30...	1230	6.15	--	242	48	110	6.8	20.0	--	6.4	69
JUN											
03...	1200	6.66	--	272	17	67	6.2	20.5	--	6.3	69
AUG											
05...	1330	6.27	--	254	20	68	5.6	25.0	--	5.5	65
02326500 - AUCILLA RIVER AT LAMONT, FLA. (LAT 30 22 11 LONG 083 48 25)											
OCT , 1975											
03...	1315	7.22	--	152	24	60	6.6	21.0	--	6.1	67
APR , 1976											
01...	1440	8.90	--	686	--	34	4.9	19.0	--	6.6	70
02326526 - WACISSA RIVER NR WACISSA FLA (LAT 30 18 04 LONG 083 58 47)											
OCT , 1975											
07...	1300	3.75	--	377	175	298	7.4	21.0	--	7.5	83
02326997 - RIVER SINK SPRING NR IVAN FLA (LAT 30 16 36 LONG 084 20 28.01)											
OCT , 1975											
15...	1430	--	--	--	--	189	--	21.0	--	--	--
JAN , 1976											
22...	1430	--	--	--	88	175	7.4	21.0	--	--	--
SEP											
15...	1330	--	--	--	--	180	--	22.0	--	--	--
02327000 - WAKULLA SPRING NR CRAWFORDVILLE FLA (LAT 30 14 05 LONG 084 18 05)											
OCT , 1975											
16...	1130	--	--	--	--	254	--	22.0	--	--	--
JAN , 1976											
22...	1330	--	--	--	148	269	7.9	21.0	--	--	--
APR											
22...	1415	1.83	--	320	154	289	7.9	21.0	--	2.3	25
SEP											
15...	1200	--	--	--	--	270	--	21.0	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA. (LAT 30 07 45 LONG 084 29 40)											
OCT , 1975											
10...	1630	15.55	--	612	0	44	3.7	23.0	--	6.2	71
NOV											
18...	1145	9.52	--	38	1	29	5.3	11.5	--	--	--
DEC											
29...	1330	9.36	--	33	6	46	6.3	9.0	--	9.0	77
JAN , 1976											
15...	1200	11.92	--	212	0	34	4.5	11.5	--	9.7	88
FEB											
18...	1300	9.44	--	40	2	39	5.9	16.5	--	8.6	87
MAR											
24...	1345	10.22	--	86	0	35	4.9	15.5	--	--	--
APR											
21...	1415	8.36	--	5.2	55	138	7.2	24.0	--	7.3	85
JUN											
01...	1530	12.65	--	285	0	46	4.5	22.5	--	7.1	81
16...	1130	10.05	--	75	0	53	5.4	23.5	--	7.2	83
JUL											
22...	1445	9.90	--	66	7	34	4.2	26.5	--	7.0	86
AUG											
19...	1315	10.21	--	86	0	37	3.7	24.0	--	5.4	63
SEP											
09...	1115	13.12	--	334	0	42	3.2	23.5	--	6.8	79
02329000 - OCHLOCKONEE RIVER NR HAVANA, FLA. (LAT 30 33 14 LONG 084 23 03)											
OCT , 1975											
13...	1545	17.04	--	827	17	73	6.5	23.5	--	7.0	81
NOV											
04...	0945	13.55	--	290	30	96	6.8	19.5	--	7.5	81
13...	1415	14.44	--	393	24	92	6.8	19.0	--	7.8	83
JAN , 1976											
14...	1050	21.28	--	1930	10	64	6.9	9.5	--	8.6	75
FEB											
27...	1245	17.79	--	985	13	122	6.8	13.5	--	8.9	84
MAR											
31...	1400	20.98	--	1840	10	60	6.8	20.0	--	6.8	74
APR											
30...	1400	12.72	--	219	30	130	6.8	21.5	--	7.9	88
MAY											
21...	1130	25.78	--	5460	5	38	6.6	20.5	--	6.1	67
JUN											
18...	0915	15.23	--	485	20	91	6.1	25.5	--	6.9	83
JUL											
23...	1000	16.60	--	676	17	74	6.7	26.5	--	5.5	67
AUG											
17...	1545	16.14	--	611	13	90	5.9	26.5	--	6.5	80

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02329200 - LAKE JACKSON NR TALLAHASSEE, FLA. (LAT 30 31 43 LONG 084 21 30)											
OCT • 1975											
16...	1523	--	--	--	--	--	--	27.0	--	8.3	103
16...	1525	--	--	--	--	--	--	27.0	--	8.3	103
16...	1527	--	--	--	--	--	--	27.0	--	8.2	101
16...	1529	--	--	--	--	--	--	26.5	--	8.2	101
16...	1531	--	--	--	--	--	--	25.5	--	8.2	99
16...	1532	--	--	--	--	--	--	26.5	--	8.2	101
16...	1534	--	--	--	--	--	--	26.5	--	6.7	82
16...	1545	--	85.29	--	1	28	6.3	27.0	--	8.3	103
MAY • 1976											
03...	1420	--	84.83	--	8	37	6.8	25.5	--	9.1	110
03...	1425	--	--	--	--	--	--	26.0	--	9.0	109
03...	1426	--	--	--	--	--	--	26.0	--	9.0	109
03...	1428	--	--	--	--	--	--	25.5	--	9.1	110
03...	1429	--	--	--	--	--	--	25.0	--	9.1	109
03...	1430	--	--	--	--	--	--	25.0	--	9.2	110
03...	1431	--	--	--	--	--	--	24.5	--	9.2	109
03...	1432	--	--	--	--	--	--	24.5	--	8.9	105
AUG											
18...	1545	--	84.81	--	--	28	6.0	30.5	--	9.3	122
18...	1607	--	--	--	--	--	--	31.0	--	9.2	122
18...	1609	--	--	--	--	--	--	30.5	--	9.3	122
18...	1611	--	--	--	--	--	--	30.5	--	9.3	122
18...	1613	--	--	--	--	--	--	30.5	--	9.4	124
18...	1615	--	--	--	--	--	--	30.5	--	9.4	124
18...	1617	--	--	--	--	--	--	30.5	--	9.2	121
18...	1619	--	--	--	--	--	--	30.5	--	8.5	112
02329352 - ATTAPULGUS CREEK AT JAMISON, FLA. (LAT 30 39 46 LONG 084 27 48)											
APR • 1976											
20...	1100	1.98	--	44	--	58	6.0	21.0	--	7.4	82
JUN											
14...	1245	2.30	--	56	3	54	7.0	23.0	--	5.9	68
SEP											
08...	0920	2.06	--	48	--	54	6.3	23.0	--	6.5	75
02329490 - WILLACOOCHEE CREEK NR QUINCY, FLA. (LAT 30 38 13 LONG 084 30 02)											
APR • 1976											
20...	1220	1.58	--	39	--	35	6.5	20.0	--	7.7	83
JUN											
14...	1350	1.74	--	47	8	39	5.8	23.0	--	6.9	79
SEP											
08...	0940	1.57	--	41	--	40	6.5	22.5	--	6.7	76
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY, FLA. (LAT 30 36 00 LONG 084 34 50)											
APR • 1976											
23...	0835	.50	--	11	--	120	7.4	20.0	--	8.3	90
JUN											
15...	1200	.61	--	14	16	49	5.6	24.0	--	7.9	93
AUG											
11...	1420	.69	--	17	13	55	6.6	28.0	--	--	--
SEP											
08...	1050	.78	--	23	--	44	6.5	24.5	--	7.3	86
02329538 - HOLMAN BRANCH NR QUINCY, FLA. (LAT 30 36 34 LONG 084 34 57)											
APR • 1976											
21...	1130	1.31	--	1.4	--	35	7.4	20.0	--	6.6	71
JUN											
15...	1345	1.34	--	1.6	9	39	5.5	22.0	--	5.7	64
SEP											
08...	1105	1.34	--	2.0	--	38	6.5	22.0	--	7.2	81

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
02329542 - QUINCY CREEK AT QUINCY, FLA. (LAT 30 35 32 LONG 084 33 49)											
APR , 1976 21...	1005	.84	--	15	--	50	6.7	20.5	--	7.4	81
JUN 15...	1010	.93	--	17	20	60	5.7	22.0	--	7.1	80
SEP 08...	1030	1.02	--	18	--	50	6.7	24.0	--	6.8	80
02329548 - TANYARD BRANCH NR QUINCY, FLA. (LAT 30 34 42 LONG 084 33 30)											
APR , 1976 21...	1235	.81	--	2.6	--	92	7.3	20.0	--	7.0	76
JUN 15...	1505	.85	--	3.1	33	102	6.1	23.0	--	7.0	80
SEP 08...	1135	.88	--	3.8	--	90	6.8	22.5	--	7.7	88
02329553 - HUBBERT BRANCH NR QUINCY, FLA. (LAT 30 35 39 LONG 084 32 48)											
APR , 1976 21...	0850	1.51	--	2.3	--	42	6.8	19.0	--	8.8	94
JUN 14...	1525	1.51	--	2.8	15	54	5.7	24.0	--	6.1	71
SEP 08...	1010	1.52	--	2.8	--	50	6.6	22.5	--	6.5	74
02329565 - LITTLE RIVER NR LITTMAN, FLA. (LAT 30 33 12 LONG 084 30 54)											
APR , 1976 23...	0950	3.40	--	119	--	82	6.5	20.0	--	7.9	86
JUN 16...	1530	3.85	--	149	12	56	6.2	24.0	--	6.0	70
SEP 09...	1130	3.56	--	144	--	54	6.4	23.5	--	6.6	76
02329582 - HURRICANE CREEK NR HAVANA, FLA. (LAT 30 34 57 LONG 084 28 44)											
APR , 1976 20...	0930	.47	--	2.4	--	54	6.3	20.5	--	7.8	85
JUN 14...	1100	.64	--	5.2	12	54	5.7	26.0	--	7.5	91
SEP 08...	0850	.31	--	.49	--	68	6.8	22.0	--	6.8	77
02329600 - LITTLE RIVER NR MIDWAY, FLA. (LAT 30 30 44 LONG 084 31 25)											
APR , 1976 23...	1030	68.30	--	128	--	68	6.4	21.0	--	7.5	83
JUN 16...	1345	68.46	--	165	13	55	6.0	24.0	--	5.5	64
SEP 08...	1155	68.30	--	128	--	60	6.6	23.0	--	7.7	88
02329877 - OCKLAWAHA CREEK NR WETUMPKA, FLA. (LAT 30 27 00 LONG 084 38 36)											
APR , 1976 23...	0745	1.50	--	37	--	40	5.2	18.0	--	8.9	93
JUN 16...	0900	1.74	--	45	0	14	4.0	21.0	--	8.0	88
SEP 09...	0800	1.76	--	50	--	19	4.3	21.0	--	7.7	85

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELE-VATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	BICAR-BONATE (HCO3) (MG/L) (00440)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	TRANS-PAR-ENCY (SECCHI DISK) (IN) (00077)	DIS-SOLVED OXYGEN (MG/L) (00300)	PER-CENT SATUR-ATION (00301)
02330050 - TELOGIA CREEK NR GREENSBORO, FLA. (LAT 30 33 34 LONG 084 43 36)											
APR , 1976 22...	1155	88.95	--	9.8	--	38	6.3	21.0	--	5.9	65
JUN 16...	1230	88.94	--	11	11	42	4.9	25.0	--	4.2	50
SEP 09...	1000	89.24	--	17	--	41	5.8	22.5	--	6.8	77
02330100 - TELOGIA CREEK NR BRISTOL, FLA. (LAT 30 25 35 LONG 084 55 40)											
APR , 1976 22...	0900	2.79	--	78	--	18	5.5	19.5	--	7.9	85
JUN 16...	1000	3.21	--	94	2	18	4.2	22.0	--	6.5	73
SEP 09...	0840	4.57	--	184	--	25	4.4	22.0	--	6.6	74
02358000 - APALACHICOLA RIVER AT CHATTAHOOCHEE FLA (LAT 30 42 03 LONG 084 51 33)											
OCT , 1975 08...	1110	14.12	--	42000	40	122	7.4	23.0	--	8.3	38
NOV 03...	1300	4.56	--	13600	54	99	7.6	21.0	--	8.4	93
19...	1615	11.49	--	33100	30	72	7.4	17.5	--	10.8	112
JAN , 1976 29...	1545	16.99	--	53600	30	67	7.2	9.5	--	12.4	108
MAR 09...	1200	6.04	--	17200	47	165	7.8	19.0	--	5.8	62
APR 02...	1030	18.57	--	60700	22	69	7.1	20.0	--	9.6	104
23...	1140	7.07	--	20200	35	108	7.6	23.5	--	7.6	88
MAY 31...	1115	9.38	--	26400	34	87	--	24.0	--	8.5	100
JUN 25...	1040	10.77	--	30600	40	101	7.2	27.5	--	9.7	121
JUL 27...	0945	4.23	--	12800	42	109	7.2	29.0	--	5.8	74
AUG 26...	1515	4.19	--	12800	47	106	7.4	29.0	--	7.4	95
02358600 - FLAT CREEK NR CHATTAHOOCHEE FLA (LAT 30 37 43 LONG 084 50 06)											
APR , 1976 22...	1035	4.64	--	27	--	40	6.7	20.0	--	7.2	78
JUN 16...	1120	4.77	--	24	15	41	5.3	22.0	--	6.4	72
SEP 09...	0930	4.88	--	31	--	46	6.6	21.0	--	7.7	85

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

02359000 - CHIPOLA RIVER NR ALTHA, FLA. (LAT 30 32 02 LONG 085 09 55)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
OCT , 1975											
10...	1010	13.34	--	2380	70	171	7.3	22.0	--	6.8	77
NOV											
10...	0925	10.30	--	1380	112	210	8.0	21.5	--	7.3	82
DEC											
15...	1100	9.73	--	1170	110	186	7.8	16.0	--	7.1	71
JAN , 1976											
20...	1305	10.49	--	1490	95	169	8.1	10.5	--	--	--
FEB											
24...	0955	10.91	--	1520	107	196	7.4	16.0	--	9.0	90
MAR											
26...	1130	10.38	--	1410	105	192	7.7	18.0	--	8.5	89
APR											
20...	1250	9.80	--	1160	115	191	8.1	22.5	--	8.6	98
MAY											
26...	1300	11.77	--	1890	85	163	7.7	22.5	--	8.0	91
JUN											
17...	1015	9.72	--	1120	39	216	7.6	24.5	--	7.8	92
JUL											
26...	1140	9.34	--	893	112	221	7.7	25.0	--	8.2	98
AUG											
24...	1100	9.03	--	707	115	220	7.8	25.0	--	7.3	87

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

02359660 - DEER POINT LAKE NEAR PANAMA CITY FLA (LAT 30 17 45 LONG 085 34 55)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
OCT , 1975											
15...	1650	--	--	--	--	--	--	26.0	--	5.6	68
15...	1652	--	--	--	--	--	--	26.0	--	5.2	63
15...	1653	--	--	--	--	--	--	26.0	--	5.0	61
15...	1654	--	--	--	--	--	--	26.0	--	4.9	59
15...	1655	--	--	--	--	--	--	26.0	--	4.8	58
15...	1656	--	--	--	--	--	--	26.0	--	4.7	57
15...	1658	--	--	--	--	--	--	25.5	--	4.5	54
15...	1659	--	--	--	--	--	--	25.5	--	4.2	50
15...	1705	--	5.16	--	17	56	6.1	26.0	--	5.2	63
MAY , 1976											
04...	1144	--	--	--	--	--	--	23.0	--	8.1	93
04...	1146	--	--	--	--	--	--	23.0	--	8.1	93
04...	1148	--	--	--	--	--	--	23.0	--	8.1	93
04...	1150	--	--	--	--	--	--	23.0	--	8.1	93
04...	1151	--	--	--	--	--	--	23.0	--	8.1	93
04...	1152	--	--	--	--	--	--	23.0	--	8.1	93
04...	1153	--	--	--	--	--	--	22.5	--	8.1	92
04...	1154	--	--	--	--	--	--	22.5	--	8.1	92
04...	1155	--	--	--	--	--	--	22.5	--	8.1	92
04...	1200	--	5.16	--	40	97	7.4	23.0	--	8.1	93
SEP											
15...	1500	--	--	--	--	--	--	25.0	--	7.2	86
15...	1501	--	--	--	--	--	--	25.0	--	7.2	86
15...	1502	--	--	--	--	--	--	25.0	--	7.2	86
15...	1503	--	--	--	--	--	--	25.0	--	7.2	86
15...	1504	--	--	--	--	--	--	25.0	--	7.2	86
15...	1505	--	--	--	--	--	--	24.5	--	7.1	84
15...	1506	--	--	--	--	--	--	24.0	--	6.9	81
15...	1507	--	--	--	--	--	--	24.0	--	6.9	81
15...	1508	--	--	--	--	--	--	24.0	--	6.9	81
15...	1510	--	5.06	--	--	73	6.9	25.0	--	7.2	86

02365500 - CHOCTAWHATCHEE RIVER AT CARYVILLE, FLA. (LAT 30 46 32 LONG 085 49 40)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
OCT , 1975											
14...	1200	11.70	--	15600	16	46	6.6	21.5	--	5.7	64
APR , 1976											
27...	1345	7.52	--	5100	24	77	6.4	21.5	--	7.9	88

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
OCT , 1975											
07...	1330	9.20	--	17000	23	64	6.3	22.0	--	6.1	69
NOV											
12...	1000	6.83	--	9180	32	69	7.0	21.0	--	4.4	48
DEC											
17...	1050	5.77	--	6346	30	72	7.0	15.5	--	4.5	44
JAN , 1976											
22...	1155	7.00	--	9610	30	54	7.4	8.0	--	10.1	85
FEB											
26...	1015	6.81	--	9140	24	48	7.0	16.0	--	8.1	81
MAR											
30...	1430	7.28	--	10300	27	70	7.1	20.5	--	6.7	73
APR											
29...	1415	4.80	--	5430	33	76	7.2	21.5	--	7.1	79
MAY											
20...	1200	8.48	--	14100	17	34	--	21.0	--	6.3	70
JUN											
24...	1200	5.18	--	6040	111	90	6.8	25.5	--	6.0	72
JUL											
29...	1315	3.52	--	3920	51	114	6.9	28.0	--	4.5	56
AUG											
26...	0945	2.35	--	2980	63	146	7.3	27.0	--	6.3	78

02366900 - MAGNOLIA CREEK NR FREEPORT, FLA. (LAT 30 31 48 LONG 086 05 15)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
NOV , 1975											
17...	1500	6.36	--	47	1	60	6.7	14.0	--	6.8	65
JUN , 1976											
08...	1400	5.82	--	38	3	70	5.9	21.0	--	--	--

02366911 - LAFAYETTE CREEK AT FREEPORT, FLA. (LAT 30 29 35 LONG 086 07 33)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
JUN , 1976											
08...	1030	--	--	123	3	58	6.2	21.0	--	--	--

02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
OCT , 1975											
02...	1025	8.15	--	3380	10	31	6.3	20.0	--	6.7	73
15...	1210	7.41	--	2560	14	42	6.9	22.0	--	7.0	79
NOV											
11...	1615	7.14	--	2330	20	37	6.7	21.5	--	6.2	69
DEC											
16...	1500	5.77	--	1560	21	40	6.9	15.0	--	6.0	59
JAN , 1976											
21...	1530	5.51	--	1450	18	33	7.1	8.0	--	11.4	95
FEB											
25...	1500	8.56	--	4120	9	35	6.7	13.5	--	7.5	71
MAR											
30...	0815	8.02	--	3180	12	33	6.8	19.0	--	7.3	78
APR											
28...	0900	4.77	--	1160	19	57	6.8	18.0	--	7.9	82
MAY											
18...	1130	9.54	--	6150	7	26	5.8	20.0	--	7.4	80
JUN											
23...	1500	5.13	--	1300	10	48	6.7	24.0	--	7.4	87
JUL											
28...	1415	2.92	--	593	26	66	6.3	28.0	--	5.0	63
AUG											
25...	1500	2.12	--	369	30	69	6.7	27.0	--	7.3	90

02370000 - BLACKWATER RIVER NR BAKER, FLA. (LAT 30 50 00 LONG 086 44 05)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
APR , 1976											
27...	1520	3.45	--	257	5	24	6.0	19.5	--	8.4	90

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELE-VATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	BICAR-BONATE (HCO3) (MG/L) (00440)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	TRANS-PAR-ENCY (SECCHI DISK) (IN) (00077)	DIS-SOLVED OXYGEN (MG/L) (00300)	PER-CENT SATUR-ATION (00301)
02375500 - ESCAMBIA RIVER NEAR CENTURY, FLA. (LAT 30 57 25 LONG 087 14 00)											
OCT , 1975											
01...	1330	17.58	--	32000	10	44	6.0	19.5	--	7.5	81
14...	1535	14.20	--	13600	20	64	--	22.5	--	6.8	77
NOV											
11...	1020	13.85	--	12600	22	59	7.0	21.0	--	7.4	82
DEC											
16...	1000	9.03	--	5230	31	63	7.0	14.0	--	4.5	43
JAN , 1976											
21...	1100	10.89	--	7070	20	47	6.9	8.5	--	10.6	90
29...	1545	16.66	--	23900	--	--	--	--	--	--	--
FEB											
25...	1000	14.44	--	14300	16	60	6.9	13.5	--	9.5	90
MAR											
29...	1430	15.38	--	17100	10	60	6.8	18.0	--	8.3	87
APR											
28...	1335	9.56	--	5700	23	91	7.2	21.0	--	7.6	84
MAY											
19...	0945	17.05	--	26000	14	39	6.1	20.0	--	7.4	80
JUN											
23...	1115	10.43	--	6530	27	81	7.2	26.0	--	7.5	91
JUL											
28...	1015	4.74	--	2150	34	114	6.7	29.0	--	5.6	72
AUG											
25...	1050	4.00	--	1730	29	110	6.7	27.0	--	6.6	82
02376033 - ESCAMBIA RIVER NR MOLINO, FLA. (LAT 30 40 05 LONG 087 16 00)											
OCT , 1975											
15...	0910	--	--	--	19	54	6.8	20.5	--	7.3	80
MAY , 1976											
19...	1425	--	--	--	--	42	7.0	18.0	--	8.1	84
02376070 - ESCAMBIA RIVER AT US HWY 90 NR PENSACOLA (LAT 30 32 56 LONG 087 11 44.01)											
MAY , 1976											
19...	1635	--	--	--	3	39	7.0	19.0	--	8.0	85
02376108 - ELEVENMILE CREEK NR ENSLEY, FLA. (LAT 30 32 52 LONG 087 19 49)											
APR , 1976											
28...	1900	--	--	32	213	1160	7.5	25.5	--	6.1	73
02376500 - PERDIDO RIVER AT BARRINEAU PARK, FLA. (LAT 30 41 25 LONG 087 26 25)											
OCT , 1975											
15...	0950	--	--	658	3	23	4.9	19.5	--	8.3	89
NOV											
19...	0915	--	--	801	3	25	6.1	12.5	--	10.0	93
JAN , 1976											
07...	0930	--	--	962	1	23	4.9	8.5	--	11.4	97
FEB											
23...	1635	--	--	1510	2	28	4.8	13.0	--	9.8	92
MAR											
31...	1500	--	--	997	5	22	5.2	19.0	--	8.5	90
MAY											
12...	1300	--	--	520	1	36	4.8	20.0	--	9.0	98
JUN											
21...	1300	--	--	430	3	25	5.8	22.5	--	8.8	100

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

290146082353600 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I4 (LAT 29 01 46 LONG 082 35 36)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
OCT , 1975											
22...	1115	--	27.47	--	127	252	7.6	22.0	--	4.4	--
NOV											
12...	1342	--	--	--	--	270	7.1	23.5	75	4.9	--
12...	1343	--	--	--	--	270	--	23.5	--	4.7	--
12...	1344	--	--	--	--	270	--	23.5	--	4.7	--
12...	1345	--	--	--	--	270	--	23.5	--	4.7	--
12...	1346	--	--	--	--	270	--	23.5	--	4.1	--
12...	1347	--	--	--	--	270	--	23.5	--	3.6	--
12...	1348	--	--	--	--	270	--	23.5	--	3.6	--
12...	1349	--	--	--	--	270	--	23.5	--	3.6	--
12...	1350	--	27.54	--	127	270	7.1	23.5	--	4.9	57
12...	1351	--	--	--	--	270	--	23.5	--	3.1	--
12...	1352	--	--	--	--	270	--	23.5	--	3.0	--
12...	1355	--	--	--	--	--	7.1	--	75	--	--
DEC											
10...	0900	--	27.44	--	132	269	7.8	16.0	--	7.2	72
JAN , 1976											
28...	1045	--	27.52	--	--	226	7.8	15.0	--	8.6	84
MAR											
24...	1000	--	27.47	--	--	278	8.3	20.5	--	8.4	92
MAY											
21...	1140	--	27.43	--	--	212	8.4	25.5	--	8.8	106
JUL											
26...	1150	--	27.50	--	--	250	7.1	29.0	--	5.3	68
SEP											
21...	0945	--	27.48	--	--	256	7.3	26.5	--	4.8	59

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

290230082301500 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE 13 (LAT 29 02 30 LONG 082 30 15)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
OCT , 1975											
22...	1000	--	27.47	--	124	251	7.5	21.0	--	3.9	43
NOV											
10...	0730	--	--	--	--	--	--	23.0	--	3.7	--
10...	0731	--	--	--	--	--	--	23.0	--	3.7	--
10...	0732	--	--	--	--	--	--	23.0	--	3.7	--
10...	0733	--	--	--	--	--	--	23.0	--	3.7	--
10...	0734	--	--	--	--	--	--	23.0	--	3.6	--
10...	0735	--	--	--	--	--	--	23.0	--	3.6	--
10...	0736	--	--	--	--	--	--	23.0	--	3.6	--
10...	0737	--	--	--	--	--	--	23.0	--	3.5	--
10...	0738	--	--	--	--	--	--	23.0	--	3.5	--
10...	0739	--	--	--	--	--	--	23.0	--	3.5	--
10...	0950	--	--	--	--	--	--	23.5	--	3.5	--
10...	0951	--	--	--	--	--	--	23.5	--	3.4	--
10...	0952	--	--	--	--	--	--	23.5	--	3.4	--
10...	0953	--	--	--	--	--	--	23.5	--	3.5	--
10...	0954	--	--	--	--	--	--	23.5	--	3.2	--
10...	0955	--	--	--	--	--	--	23.5	--	3.2	--
10...	0956	--	--	--	--	--	--	23.5	--	3.2	--
10...	0957	--	--	--	--	--	--	23.5	--	3.1	--
10...	0958	--	--	--	--	--	--	23.5	--	3.0	--
10...	0959	--	--	--	--	--	--	23.5	--	3.0	--
10...	1120	--	--	--	--	--	--	23.0	--	4.3	--
10...	1121	--	--	--	--	--	--	23.0	--	4.1	--
10...	1122	--	--	--	--	--	--	23.0	--	3.9	--
10...	1123	--	--	--	--	--	--	23.0	--	3.9	--
10...	1124	--	--	--	--	--	--	23.0	--	4.0	--
10...	1125	--	--	--	--	--	--	23.0	--	3.9	--
10...	1126	--	--	--	--	--	--	23.0	--	3.8	--
10...	1127	--	--	--	--	--	--	23.0	--	3.7	--
10...	1128	--	--	--	--	--	--	23.0	--	3.6	--
10...	1129	--	--	--	--	--	--	23.0	--	3.6	--
10...	1315	--	--	--	--	--	--	23.5	--	4.0	--
10...	1316	--	--	--	--	--	--	23.5	--	4.0	--
10...	1317	--	--	--	--	--	--	23.5	--	3.9	--
10...	1318	--	--	--	--	--	--	23.5	--	3.9	--
10...	1319	--	--	--	--	--	--	23.5	--	3.7	--
10...	1320	--	--	--	--	--	--	23.5	--	3.7	--
10...	1321	--	--	--	--	--	--	23.0	--	3.7	--
10...	1322	--	--	--	--	--	--	23.0	--	3.7	--
10...	1323	--	--	--	--	--	--	23.0	--	3.5	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

290230082301500 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE 13 (LAT 29 02 30 LONG 082 30 15)

DATF	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
NOV , 1975											
10...	1517	--	--	--	--	270	7.1	23.5	--	3.9	--
10...	1518	--	--	--	--	270	--	23.5	--	3.9	--
10...	1519	--	--	--	--	270	--	23.5	--	3.8	--
10...	1520	--	--	--	--	270	--	23.5	--	3.8	--
10...	1521	--	--	--	--	270	--	23.5	--	3.8	--
10...	1522	--	--	--	--	270	--	23.5	--	3.7	--
10...	1523	--	--	--	--	270	--	23.5	--	3.6	--
10...	1524	--	--	--	--	270	--	23.5	--	3.6	--
10...	1525	--	--	--	--	270	--	23.5	--	3.6	--
10...	1526	--	--	--	--	270	--	23.5	--	3.5	--
10...	1527	--	--	--	--	270	--	23.5	--	3.5	--
10...	1528	--	--	--	--	270	--	23.5	--	3.4	--
10...	1529	--	--	--	--	270	--	23.5	--	3.4	--
10...	1530	--	--	--	--	--	--	23.5	--	3.9	--
10...	1531	--	--	--	--	--	--	23.5	--	3.8	--
10...	1532	--	--	--	--	--	--	23.5	--	3.8	--
10...	1533	--	--	--	--	--	--	23.5	--	3.8	--
10...	1534	--	--	--	--	--	--	23.5	--	3.7	--
10...	1535	--	--	--	--	--	--	23.5	--	3.6	--
10...	1715	--	--	--	--	--	--	23.5	--	4.0	--
10...	1716	--	--	--	--	--	--	23.5	--	4.0	--
10...	1717	--	--	--	--	--	--	23.5	--	3.9	--
10...	1718	--	--	--	--	--	--	23.5	--	3.9	--
10...	1719	--	--	--	--	--	--	23.5	--	3.8	--
10...	1720	--	--	--	--	--	--	23.5	--	3.8	--
10...	1721	--	--	--	--	--	--	23.5	--	3.7	--
10...	1722	--	--	--	--	--	--	23.5	--	3.6	--
10...	1723	--	--	--	--	--	--	23.5	--	3.5	--
10...	1724	--	--	--	--	--	--	23.5	--	3.5	--
10...	1915	--	--	--	--	--	--	23.5	--	4.0	--
10...	1916	--	--	--	--	--	--	23.5	--	4.0	--
10...	1917	--	--	--	--	--	--	23.5	--	4.0	--
10...	1918	--	--	--	--	--	--	23.5	--	4.0	--
10...	1919	--	--	--	--	--	--	23.5	--	3.9	--
10...	1920	--	--	--	--	--	--	23.5	--	3.9	--
10...	1921	--	--	--	--	--	--	23.5	--	3.9	--
10...	1922	--	--	--	--	--	--	23.5	--	3.7	--
10...	1923	--	--	--	--	--	--	23.5	--	3.7	--
10...	2115	--	--	--	--	--	--	23.5	--	3.9	--
10...	2116	--	--	--	--	--	--	23.5	--	3.9	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

290230082301500 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE 13 (LAT 29 02 30 LONG 082 30 15)

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
NOV . 1975											
10...	2117	--	--	--	--	--	--	23.5	--	3.9	--
10...	2118	--	--	--	--	--	--	23.5	--	3.9	--
10...	2120	--	--	--	--	--	--	23.5	--	3.8	--
10...	2121	--	--	--	--	--	--	23.5	--	3.8	--
10...	2122	--	--	--	--	--	--	23.5	--	3.8	--
10...	2123	--	--	--	--	--	--	23.5	--	3.7	--
10...	2315	--	--	--	--	--	--	23.5	--	3.8	--
10...	2316	--	--	--	--	--	--	23.5	--	3.8	--
10...	2317	--	--	--	--	--	--	23.5	--	3.8	--
10...	2318	--	--	--	--	--	--	23.5	--	3.8	--
10...	2319	--	--	--	--	--	--	23.5	--	3.8	--
10...	2320	--	--	--	--	--	--	23.5	--	3.8	--
10...	2321	--	--	--	--	--	--	23.5	--	3.7	--
10...	2322	--	--	--	--	--	--	23.5	--	3.6	--
10...	2323	--	--	--	--	--	--	23.5	--	3.5	--
11...	0115	--	--	--	--	--	--	23.5	--	3.7	--
11...	0116	--	--	--	--	--	--	23.5	--	3.6	--
11...	0117	--	--	--	--	--	--	23.5	--	3.6	--
11...	0118	--	--	--	--	--	--	23.5	--	3.6	--
11...	0119	--	--	--	--	--	--	23.5	--	3.6	--
11...	0120	--	--	--	--	--	--	23.5	--	3.6	--
11...	0121	--	--	--	--	--	--	23.5	--	3.5	--
11...	0122	--	--	--	--	--	--	23.5	--	3.5	--
11...	0123	--	--	--	--	--	--	23.5	--	3.5	--
11...	0315	--	--	--	--	--	--	23.5	--	3.5	--
11...	0316	--	--	--	--	--	--	23.5	--	3.5	--
11...	0317	--	--	--	--	--	--	23.5	--	3.5	--
11...	0318	--	--	--	--	--	--	23.5	--	3.5	--
11...	0319	--	--	--	--	--	--	23.5	--	3.5	--
11...	0320	--	--	--	--	--	--	23.5	--	3.5	--
11...	0321	--	--	--	--	--	--	23.5	--	3.5	--
11...	0322	--	--	--	--	--	--	23.5	--	3.4	--
11...	0323	--	--	--	--	--	--	23.5	--	3.4	--
11...	0515	--	--	--	--	--	--	23.5	--	3.4	--
11...	0516	--	--	--	--	--	--	23.5	--	3.4	--
18...	1150	--	27.54	--	130	256	7.7	18.0	--	5.6	--
DEC											
10...	1240	--	27.44	--	132	262	7.9	17.0	--	7.6	--
JAN . 1976											
28...	1235	--	27.52	--	--	256	7.6	17.5	--	6.9	71
MAR											
24...	1155	--	27.47	--	--	274	8.1	21.0	--	7.7	85
MAY											
20...	1315	--	27.48	--	--	274	7.8	25.5	--	7.7	93

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELE-VATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	BICAR-BONATE (HCO3) (MG/L) (00440)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	TRANS-PAR-ENCY (SECCHI DISK) (IN) (00077)	DIS-SOLVED OXYGEN (MG/L) (00300)	PER-CENT SATUR-ATION (00301)
290230082301500 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I3 (LAT 29 02 30 LONG 082 30 15)											
JUL , 1976 26...	1405	--	27.50	--	--	246	7.2	29.5	--	5.4	70
SEP 21...	1120	--	27.48	--	--	237	7.1	25.5	--	4.0	48
294802082221800 - ROCKY CREEK 3 MILES SW OF SUNSHINE LAKE FLA (LAT 29 48 02 LONG 082 22 18)											
SEP , 1976 09...	1100	--	--	--	7	72	6.2	24.0	--	--	--
294911085180400 - PORT ST JOE CHIPOLA R DISTRIB CA AT WATER PLANT (LAT 29 49 11 LONG 085 18 04)											
AUG , 1976 19...	1100	--	--	--	29	135	6.3	26.5	--	--	--
294947082200300 - RHODA BRANCH AT CO RD SOUTH OF SUNSHINE LAKE FLA (LAT 29 49 47 LONG 082 20 03)											
SEP , 1976 09...	1200	--	--	--	6	105	6.5	24.0	--	--	--
294959082404900 - RUM ISLAND SPRING NEAR HIGH SPRINGS FLA (LAT 29 49 59 LONG 082 40 49)											
SEP , 1976 16...	0915	--	--	--	204	352	7.5	22.0	--	--	--
295042083332901 - BLUE SPRING NR KEATON BEACH FLORIDA (LAT 29 50 42 LONG 083 33 29.01)											
DEC , 1975 04...	1600	--	--	--	176	290	7.7	21.5	--	--	--
295059082353600 - HORNESBY SPRING NR HIGH SPRINGS FLA (LAT 29 50 59 LONG 082 35 36)											
SEP , 1976 08...	1330	--	--	--	192	475	7.4	23.0	--	--	--
295359082453100 - WILSON SPRING NEAR FORT WHITE FLA (LAT 29 53 59 LONG 082 45 31)											
SEP , 1976 16...	1445	--	--	--	150	440	7.6	22.5	--	--	--
295453082502400 - BETTY SPRING NEAR HILDRETH FLA (LAT 29 54 53 LONG 082 50 24)											
SEP , 1976 16...	1415	--	--	--	190	362	7.6	22.0	--	--	--
295517082101800 - LAKE ROWELL OUTLET NR STARKE FLA (LAT 29 55 17 LONG 082 10 18)											
SEP , 1976 09...	1545	--	--	--	40	280	7.8	30.0	--	--	--
300228083013200 - MEARSON SPRING NEAR MAYO FLORIDA (LAT 30 02 28 LONG 083 01 32)											
DEC , 1975 03...	1330	--	--	62	188	317	7.6	21.5	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	BICARBONATE (HCO3) (MG/L) (00440)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (IN) (00077)	DISSOLVED OXYGEN (MG/L) (00300)	PERCENT SATURATION (00301)
300329083351501 - CARLTON SPRING NEAR PERRY, FLORIDA (LAT 30 03 29 LONG 083 35 15.01)											
DEC , 1975 05...	1830	--	--	--	202	300	7.8	22.5	--	--	--
301215085370500 - BAY CO WATER SYSTEM DEER POINT LAKE AT WAT PLANT (LAT 30 12 15 LONG 085 37 05)											
AUG , 1976 20...	1100	--	--	--	25	98	6.2	28.0	--	--	--
301910084175500 - MUNSON SLOUGH AT EIGHTMILE SR NR TALLAHASSEE FLA (LAT 30 19 10 LONG 084 17 55)											
APR , 1976 15...	1325	--	--	13	--	282	--	23.0	--	--	--
SEP 20...	1510	--	--	12	--	315	--	25.0	--	--	--
301925084180800 - MUNSON SLOUGH AT OAK RIDGE RD NR TALLAHASSEE FLA (LAT 30 19 25 LONG 084 18 08)											
APR , 1976 15...	1300	.55	--	19	--	282	--	23.0	--	--	--
SEP 20...	1435	.20	--	15	--	312	--	25.0	--	--	--
302127084181100 - MUNSON SLOUGH AT CRAWFORDVILLE HWY TALL FLA (LAT 30 21 27 LONG 084 18 11)											
JAN , 1976 26...	1330	19.55	--	15	179	390	7.4	13.5	--	4.3	41
APR 15...	1130	19.44	--	13	--	286	--	23.0	--	--	--
SEP 20...	1350	19.40	--	12	--	306	--	26.0	--	--	--
302144084184400 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 111 (LAT 30 21 44 LONG 084 18 48)											
SEP , 1976 14...	1220	--	--	--	--	289	--	25.0	--	--	--
302145084185000 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 110 (LAT 30 21 45 LONG 084 18 50)											
SEP , 1976 14...	1215	--	--	--	--	285	--	24.5	--	--	--
302154084180500 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 103 (LAT 30 21 54 LONG 084 18 05)											
SEP , 1976 14...	1035	2.25	--	--	--	283	--	24.0	--	--	--
302158084180700 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 102 (LAT 30 21 58 LONG 084 18 07)											
SEP , 1976 14...	1020	--	--	--	--	286	--	24.0	--	--	--
302203084180900 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 101 (LAT 30 22 03 LONG 084 18 09)											
SEP , 1976 14...	1005	--	--	--	--	283	--	24.0	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELE-VATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	BICAR-BONATE (HCO3) (MG/L) (00440)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	TRANS-PAR-ENCY (SECCHI DISK) (IN) (00077)	DIS-SOLVED OXYGEN (MG/L) (00300)	PER-CENT SATUR-ATION (00301)
302204084181600 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 104 (LAT 30 22 04 LONG 084 18 16)											
SEP , 1976											
14...	1050	--	--	--	--	282	--	24.0	--	--	--
302204084183800 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 109 (LAT 30 22 04 LONG 084 18 38)											
SEP , 1976											
14...	1200	--	--	--	--	347	--	24.0	--	--	--
302207084181400 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 105 (LAT 30 22 07 LONG 084 18 14)											
SEP , 1976											
14...	1100	--	--	--	--	290	--	24.0	--	--	--
302220084184900 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 112 (LAT 30 22 20 LONG 084 18 49)											
SEP , 1976											
14...	1220	--	--	--	--	322	--	24.0	--	--	--
302232084183500 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 107 (LAT 30 22 32 LONG 084 18 35)											
SEP , 1976											
14...	1130	--	--	--	--	275	--	25.0	--	--	--
302315084184800 - MUNSON SLOUGH AT CAPITAL CIRCLE NR TALL FLA (LAT 30 23 15 LONG 084 18 48)											
JAN , 1976											
26...	1100	--	--	5.6	195	550	7.5	17.0	--	5.5	56
APR											
15...	1100	--	--	8.1	--	--	--	22.0	--	--	--
SEP											
20...	1245	--	--	4.9	--	490	--	25.5	--	--	--
302414084183000 - MUNSON SLOUGH AT PUMP STA NR TALLAHASSEE FLA (LAT 30 24 14 LONG 084 18 30)											
APR , 1976											
15...	0950	27.40	--	8.0	--	585	--	24.0	--	--	--
SEP											
20...	1120	28.14	--	9.4	--	447	--	24.5	--	--	--
302614083052300 - ALAPAHA RISE SPRING NR ADAMS FLA (LAT 30 26 14 LONG 083 05 23)											
NOV , 1975											
25...	1500	--	--	508	101	225	7.6	19.0	--	1.5	16
303254087133600 - THOMPSON BAYOU NEAR PENSACOLA FLORIDA (LAT 30 32 54 LONG 087 13 36)											
MAR , 1976											
11...	1500	--	--	--	8	38	5.8	19.5	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
FIELD MEASUREMENTS

DATE	TIME	STAGE (FT ABOVE DATUM) (00065)	ELE- VATION ABOVE MEAN SEA LEVEL (FT) (72020)	INSTAN- TANEOUS DIS- CHARGE (CFS) (00061)	BICAR- BONATE (HCO3) (MG/L) (00440)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	DIS- SOLVED OXYGEN (MG/L) (00300)	PER- CENT SATUR- ATION (00301)
303342087140400 - CLEAR CREEK TRIB.NR.PENSACOLA,FL (LAT 30 33 58 LONG 087 14 05)											
DEC , 1975 22...	1430	--	--	--	10	37	5.2	9.0	--	--	--
MAR , 1976 11...	1400	--	--	--	1	30	5.2	17.0	--	--	--
JUN 02...	1600	--	--	--	0	32	4.0	22.0	--	--	--
AUG 04...	1030	--	--	--	3	35	5.4	24.5	--	--	--
303443083030800 - ALAPAHA RIVER AT MATHIS SINK (LAT 30 34 43 LONG 083 03 08)											
NOV , 1975 24...	1600	--	--	126	5	36	6.7	11.5	--	10.6	97

SURFACE WATER QUALITY RECORDS

Major Constituents

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SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
02313448 - LITTLE WACCASASSA RIVER NR BRONSON, FLA. (LAT 29 28 34 LONG 082 41 13)											
SEP , 1976											
16...	.70	--	--	--	--	--	--	--	--	--	--
02313450 - BLUE SPRING NR BRONSON FLA (LAT 29 27 02 LONG 082 41 57)											
SEP , 1976											
16...	7.7	--	--	--	--	--	--	--	--	--	--
02313700 - WACCASASSA RIVER NR GULF HAMMOCK, FLA. (LAT 29 12 14 LONG 082 46 09)											
OCT , 1975											
08...	1150	5.0	750	31	4.8	7.7	.4	83	0	68	11
MAY , 1976											
04...	185	5.4	40	45	8.7	11	.5	144	0	118	26
02314986 - ROCKY CREEK NR BELMONT,FLA. (LAT 30 32 40 LONG 082 44 02)											
DEC , 1975											
09...	.30	--	--	--	--	--	--	--	--	--	--
FEB , 1976											
03...	13	--	--	--	--	--	--	--	--	--	--
APR											
06...	10	4.4	700	2.8	1.3	4.9	.3	0	0	0	7.7
MAY											
03...	.16	9.1	--	6.1	3.5	5.1	.5	10	0	8	14
JUN											
03...	178	3.6	--	2.5	1.0	4.3	.5	0	0	0	13
JUL											
06...	19	5.0	--	2.4	1.2	5.7	.2	0	0	0	14
AUG											
04...	.00	9.1	870	6.4	3.6	5.5	.4	10	0	8	15
30...	.16	6.9	--	5.7	3.5	5.5	.8	13	0	11	18
02315000 - SUWANNEE R NR BENTON FLA (LAT 30 30 30 LONG 082 41 50)											
DEC , 1975											
09...	244	--	--	--	--	--	--	--	--	--	--
FEB , 1976											
03...	1950	--	--	--	--	--	--	--	--	--	--
APR											
06...	887	--	--	--	--	--	--	--	--	--	--
JUN											
01...	6330	--	--	--	--	--	--	--	--	--	--
AUG											
04...	920	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
02313448 - LITTLE WACCASASSA RIVER NR BRONSON, FLA. (LAT 29 28 34 LONG 082 41 13)											
SEP , 1976											
16...	--	--	--	--	--	--	31	5.9	21.0	--	--
02313450 - BLUE SPRING NR BRONSON FLA (LAT 29 27 02 LONG 082 41 57)											
SEP , 1976											
16...	--	--	--	--	--	--	143	7.7	23.5	--	--
02313700 - WACCASASSA RIVER NR GULF HAMMOCK, FLA. (LAT 29 12 14 LONG 082 46 09)											
OCT , 1975											
08...	10	.6	124	112	97	29	200	6.8	25.0	270	130
MAY , 1976											
04...	18	.2	194	186	150	30	575	7.5	20.0	0	200
02314986 - ROCKY CREEK NR BELMONT,FLA. (LAT 30 32 40 LONG 082 44 02)											
DEC , 1975											
09...	--	.3	--	--	--	--	160	7.0	14.0	--	--
FEB , 1976											
03...	--	.4	--	--	--	--	85	3.7	10.0	--	--
APR											
06...	7.5	.4	162	31	12	12	85	3.7	17.0	600	50
MAY											
03...	9.5	.4	152	53	30	22	73	5.7	22.5	480	50
JUN											
03...	8.1	.4	178	34	10	10	93	3.8	22.0	480	70
JUL											
06...	7.0	.4	166	36	11	11	88	3.8	23.0	640	40
AUG											
04...	5.7	.4	146	53	31	23	72	5.9	25.5	640	30
30...	8.7	.4	130	56	29	18	78	5.9	28.0	320	40
02315000 - SUWANNEE R NR BENTON FLA (LAT 30 30 30 LONG 082 41 50)											
DEC , 1975											
09...	--	.1	--	--	--	--	48	4.5	16.0	--	--
FEB , 1976											
03...	--	.2	--	--	--	--	42	4.1	10.5	--	--
APR											
06...	--	--	--	--	--	--	42	4.3	20.0	--	--
JUN											
01...	--	.0	--	--	--	--	56	4.0	23.0	--	--
AUG											
04...	--	.1	--	--	--	--	43	4.2	27.0	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

02315005 - HUNTER CREEK NEAR BELMONT FLA (LAT 30 29 20 LONG 082 41 40)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
DEC , 1975											
08...	1.5	--	--	--	--	--	--	--	--	--	--
FEB , 1976											
03...	11	--	--	--	--	--	--	--	--	--	--
APR											
05...	2.4	6.6	560	11	4.5	6.0	.5	30	0	25	15
MAY											
03...	2.4	2.8	--	19	8.1	9.3	1.2	69	0	57	25
21...	8.6	13	30	48	15	16	1.2	49	0	40	160
JUN											
03...	12	4.7	--	9.9	3.7	7.5	.4	17	0	14	17
JUL											
06...	9.1	3.4	--	15	6.6	7.2	.3	55	0	45	20
AUG											
04...	16	15	70	48	16	20	1.2	35	0	29	160
30...	7.6	14	--	49	15	18	1.5	26	0	21	150

02315200 - DEEP CREEK NR SUWANNEE VALLEY FL (LAT 30 21 55 LONG 082 37 13)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
APR , 1976											
06...	4.5	3.2	490	5.7	3.0	4.1	.2	17	0	14	9.7
MAY											
04...	7.9	2.4	--	3.6	1.8	3.9	.3	2	0	2	9.0
24...	466	2.7	760	2.2	1.0	4.0	.3	0	0	0	6.0
JUL											
07...	66	2.5	--	2.0	.9	4.2	.2	0	0	0	11
AUG											
04...	5.1	4.1	810	5.6	2.3	4.7	.3	12	0	10	11
31...	6.8	5.6	--	7.9	4.2	3.6	.3	31	0	25	9.2

02315392 - ROBINSON CR NR SUWANNEE VALLEY FL (LAT 30 18 56 LONG 082 38 41)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
APR , 1976											
07...	1.2	6.0	410	9.3	4.9	4.2	.4	37	0	30	8.0
MAY											
04...	.86	5.9	--	9.9	5.0	4.0	.6	38	0	31	6.2
24...	221	3.3	690	2.8	1.1	4.2	.4	0	0	0	6.5
JUN											
03...	34	2.8	--	2.8	1.1	4.6	.3	0	0	0	11
JUL											
07...	25	2.2	--	2.4	1.2	4.1	.2	0	0	0	11
AUG											
05...	2.7	2.4	820	4.5	2.5	4.0	.2	4	0	3	13
31...	2.3	6.9	--	12	5.5	3.2	.9	55	0	45	6.6

02315500 - SUWANNEE RIVER AT WHITE SPRINGS, FLA. (LAT 30 19 32 LONG 082 44 18)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
OCT , 1975											
01...	1500	3.1	570	1.8	.7	2.8	.2	0	0	0	7.4
DEC											
09...	260	--	--	--	--	--	--	--	--	--	--
FEB , 1976											
02...	1700	--	--	--	--	--	--	--	--	--	--
APR											
06...	849	1.5	370	1.6	.6	3.1	.2	0	0	0	5.6
JUN											
01...	5780	--	--	--	--	--	--	--	--	--	--
AUG											
03...	598	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
02315005 - HUNTER CREEK NEAR BELMONT FLA (LAT 30 29 20 LONG 082 41 40)											
DEC , 1975											
08...	--	1.1	--	--	--	--	250	6.9	16.5	--	--
FEB , 1976											
03...	--	2.1	--	--	--	--	585	6.6	10.0	--	--
APR											
05...	7.3	.7	101	67	46	21	120	6.7	19.0	260	50
MAY											
03...	7.9	1.4	125	109	81	24	210	7.3	20.5	40	50
21...	11	2.1	319	291	180	140	485	7.1	21.5	10	70
JUN											
03...	8.7	.9	140	63	40	26	100	6.5	23.0	360	65
JUL											
06...	6.0	1.3	115	87	65	20	145	6.9	25.5	80	50
AUG											
04...	11	2.2	335	291	190	160	410	7.0	26.5	30	80
30...	12	2.4	323	275	180	160	400	7.1	26.5	20	40
02315200 - DEEP CREEK NR SUWANNEE VALLEY FL (LAT 30 21 55 LONG 082 37 13)											
APR , 1976											
06...	8.3	.1	94	47	27	13	60	6.3	18.0	360	40
MAY											
04...	7.5	.2	91	30	16	15	42	5.6	20.5	360	30
24...	5.8	.2	89	24	10	10	50	4.2	21.5	480	50
JUL											
07...	5.7	.2	101	27	9	9	48	4.2	23.5	360	40
AUG											
04...	6.7	.2	103	42	24	14	65	6.5	25.5	500	30
31...	4.5	.3	98	55	37	12	90	6.6	24.5	200	80
02315392 - ROBINSON CR NR SUWANNEE VALLEY FL (LAT 30 18 56 LONG 082 38 41)											
APR , 1976											
07...	9.6	.3	99	62	43	13	108	6.8	20.0	220	40
MAY											
04...	10	.3	104	62	45	14	105	7.0	19.5	220	40
24...	6.3	.3	105	27	12	12	51	4.3	22.0	400	50
JUN											
03...	9.6	.2	130	33	12	12	67	4.1	23.5	440	65
JUL											
07...	7.0	.2	97	28	11	11	50	4.5	23.5	400	40
AUG											
05...	7.7	.2	114	38	22	18	54	5.7	24.0	480	30
31...	6.9	.3	95	69	53	8	100	7.1	24.0	100	80
02315500 - SUWANNEE RIVER AT WHITE SPRINGS, FLA. (LAT 30 19 32 LONG 082 44 18)											
OCT , 1975											
01...	4.7	.3	81	22	7	7	46	4.2	23.5	560	50
DEC											
09...	--	.1	--	--	--	--	60	5.7	14.0	--	--
FEB , 1976											
02...	--	.2	--	--	--	--	37	4.3	10.5	--	--
APR											
06...	5.2	.3	56	19	7	7	36	4.5	20.0	200	30
JUN											
01...	--	.1	--	--	--	--	56	4.2	22.5	--	--
AUG											
03...	--	.1	--	--	--	--	40	4.7	28.5	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
02315520 - SWIFT CREEK AT FACIL FLA (LAT 30 22 14 LONG 082 48 00)											
DEC , 1975											
08...	8.9	--	--	--	--	--	--	--	--	--	--
FEB , 1976											
02...	106	--	--	--	--	--	--	--	--	--	--
APR											
05...	64	13	--	38	13	16	1.6	35	0	29	120
MAY											
03...	28	15	--	60	19	32	2.1	26	0	28	180
21...	24	17	90	62	20	42	2.4	30	0	34	230
24...	219	11	210	35	9.5	22	1.8	0	0	1	120
JUN											
01...	42	--	--	--	--	--	--	--	--	--	--
JUL											
06...	18	14	--	38	13	25	1.5	0	0	0	120
AUG											
03...	73	18	220	51	17	34	2.2	0	0	0	160
30...	40	18	--	42	17	30	2.0	11	0	16	150
02315550 - SUWANNEE RIVER AT SUWANNEE SPRINGS FLA (LAT 30 23 34 LONG 082 56 00)											
OCT , 1975											
01...	1500	--	500	--	--	--	--	--	--	--	--
DEC											
08...	430	--	--	--	--	--	--	--	--	--	--
FEB , 1976											
03...	1800	--	--	--	--	--	--	--	--	--	--
APR											
07...	1040	--	--	--	--	--	--	--	--	--	--
JUN											
01...	5990	--	--	--	--	--	--	--	--	--	--
AUG											
03...	815	--	--	--	--	--	--	--	--	--	--
02319000 - WITHLACOOCHEE RIVER NEAR PINETTA, FLA. (LAT 30 35 43 LONG 083 15 35)											
DEC , 1975											
08...	244	--	--	--	--	--	--	--	--	--	--
FEB , 1976											
02...	4120	--	--	--	--	--	--	--	--	--	--
APR											
05...	1770	6.1	550	5.8	1.3	9.1	1.6	27	0	22	6.4
JUN											
01...	16900	--	--	--	--	--	--	--	--	--	--
AUG											
03...	544	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
02315520 - SWIFT CREEK AT FACIL FLA (LAT 30 22 14 LONG 082 48 00)											
DEC , 1975											
08...	--	11	--	--	--	--	870	6.3	17.5	--	--
FEB , 1976											
02...	--	4.0	--	--	--	--	420	6.3	11.0	--	--
APR											
05...	12	3.3	278	234	150	120	450	6.7	21.0	150	100
MAY											
03...	14	7.5	448	420	230	210	630	6.5	24.5	60	130
21...	13	9.5	519	520	240	210	670	6.6	23.5	75	70
24...	10	4.5	302	270	130	130	365	6.0	22.5	240	80
JUN											
01...	--	3.2	--	--	--	--	295	5.9	25.0	--	--
JUL											
06...	11	2.0	320	290	150	150	345	6.0	26.0	180	90
AUG											
03...	13	4.0	417	300	200	200	475	6.4	27.5	200	80
30...	14	4.9	398	340	180	170	455	6.7	27.5	160	40
02315550 - SUWANNEE RIVER AT SUWANNEE SPRINGS FLA (LAT 30 23 34 LONG 082 56 00)											
OCT , 1975											
01...	--	.5	--	--	--	--	67	5.9	23.5	--	--
DEC											
08...	--	.6	--	--	--	--	138	7.0	16.0	--	--
FEB , 1976											
03...	--	.4	--	--	--	--	52	5.1	11.0	--	--
APR											
07...	--	--	--	--	--	--	65	6.4	19.5	--	--
JUN											
01...	--	.0	--	--	--	--	55	4.3	23.5	--	--
AUG											
03...	--	.4	--	--	--	--	100	6.5	28.0	--	--
02319000 - WITHLACOOCHEE RIVER NEAR PINETTA, FLA. (LAT 30 35 43 LONG 083 15 35)											
DEC , 1975											
08...	--	--	--	--	--	--	285	7.5	17.0	--	--
FEB , 1976											
02...	--	--	--	--	--	--	38	6.0	9.5	--	--
APR											
05...	9.6	.3	74	54	20	0	85	6.7	18.0	120	70
JUN											
01...	--	.0	--	--	--	--	39	5.5	23.0	--	--
AUG											
03...	--	.1	--	--	--	--	155	7.3	28.0	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

02320500 - SUWANNEE RIVER AT BRANFORD, FLA. (LAT 29 57 20 LONG 082 55 40)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
OCT , 1975											
08...	5550	7.1	170	34	6.4	3.9	.4	111	0	91	13
NOV											
12...	3890	7.8	--	39	7.4	4.5	.5	136	0	112	16
DEC											
11...	3200	8.4	--	45	8.1	5.2	.5	150	0	123	17
JAN , 1976											
14...	6330	7.5	270	14	2.5	5.4	1.1	45	0	37	9.1
FEB											
05...	7880	6.1	--	6.8	1.4	4.4	.9	10	0	8	6.8
MAR											
09...	5290	6.8	--	34	6.3	5.0	.7	109	0	89	14
APR											
09...	5790	6.0	300	22	4.1	5.2	.9	70	0	57	9.1
MAY											
05...	3640	8.3	--	43	7.8	7.3	.6	147	0	121	17
JUN											
02...	16900	4.3	--	5.0	--	3.6	1.1	0	0	0	7.2
JUL											
08...	10300	5.6	380	16	2.5	7.1	.7	48	0	39	8.4
AUG											
06...	5656	7.4	--	40	7.0	4.5	.6	135	0	111	14
SEP											
10...	4550	7.1	--	32	5.9	3.7	.5	101	0	83	14

02320600 - SANTA FE LAKE NR KEYSTONE HTS, FLA. (LAT 29 45 38 LONG 082 04 30)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
OCT , 1975											
02...	--	.2	--	2.1	.7	5.7	.4	2	0	2	4.3
APR , 1976											
08...	--	.6	--	2.2	1.0	5.8	.5	1	0	1	6.0
JUL											
07...	--	--	--	--	--	--	--	--	--	--	--

02320700 - SANTA FE RIVER NEAR GRAHAM, FLA. (LAT 29 50 46 LONG 082 13 11)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
OCT , 1975											
07...	60	4.0	670	3.1	1.6	5.1	.7	3	0	2	4.3
APR , 1976											
08...	1.9	4.3	160	15	7.5	4.9	.5	80	0	66	3.6

02320800 - SAMPSON RIVER AT SAMPSON FLA (LAT 29 55 07 LONG 082 12 39)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
SEP , 1976											
09...	--	.4	--	13	2.9	16	1.5	10	0	8	53

02320815 - SAMPSON RIVER AT GRAHAM FLA (LAT 29 51 36 LONG 082 13 47)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
SEP , 1976											
09...	--	2.8	--	10	3.1	12	.9	8	0	7	35

02320951 - HEILBRONN SPRING NEAR LAWTEY FLA (LAT 30 01 24 LONG 082 09 23)

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
SEP , 1976											
15...	--	6.2	--	36	17	9.5	1.0	196	0	161	4.2

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
02320500 - SUWANNEE RIVER AT BRANFORD, FLA. (LAT 29 57 20 LONG 082 55 40)											
OCT , 1975 08...	6.3	.4	141	126	110	19	--	7.3	23.5	--	100
NOV 12...	5.7	.3	155	148	130	18	270	7.3	22.0	--	--
DEC 11...	5.4	.3	163	164	150	23	225	8.0	17.0	--	130
JAN , 1976 14...	7.9	.2	74	70	45	8	120	7.0	13.0	--	120
FEB 05...	7.3	.3	44	39	23	15	54	6.7	11.5	--	100
MAR 09...	8.8	.3	150	130	110	21	220	7.5	20.5	--	100
APR 09...	7.4	.3	122	90	72	15	160	7.4	19.5	--	90
MAY 05...	5.8	.3	172	163	140	19	300	8.0	22.5	--	--
JUN 02...	7.4	.3	86	--	14	14	43	6.0	23.5	--	100
JUL 08...	5.3	.3	74	70	51	11	105	7.2	25.0	--	250
AUG 06...	5.3	.3	168	146	130	19	220	7.7	21.0	--	130
SEP 10...	5.4	.3	138	119	100	17	180	7.6	24.5	--	100
02320600 - SANTA FE LAKE NR KEYSTONE HTS, FLA. (LAT 29 45 38 LONG 082 04 30)											
OCT , 1975 02...	9.0	.2	34	24	8	7	78	6.1	28.0	22	60
APR , 1976 08...	9.2	.0	37	26	10	9	50	7.1	20.5	40	30
JUL 07...	--	--	--	--	--	--	60	7.1	23.5	--	--
02320700 - SANTA FE RIVER NEAR GRAHAM, FLA. (LAT 29 50 46 LONG 082 13 11)											
OCT , 1975 07...	9.0	.3	106	30	14	12	53	4.7	23.0	440	10
APR , 1976 08...	8.4	.3	100	84	68	3	150	7.0	18.0	90	70
02320800 - SAMPSON RIVER AT SAMPSON FLA (LAT 29 55 07 LONG 082 12 39)											
SEP , 1976 09...	10	.1	122	102	44	36	180	6.6	28.0	20	60
02320815 - SAMPSON RIVER AT GRAHAM FLA (LAT 29 51 36 LONG 082 13 47)											
SEP , 1976 09...	14	.3	146	82	38	31	125	6.5	27.0	100	60
02320951 - HEILBRONN SPRING NEAR LAWTEY FLA (LAT 30 01 24 LONG 082 09 23)											
SEP , 1976 15...	14	.3	202	185	160	0	340	7.6	21.0	5	90

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTAN- TANEOUS DIS- CHARGE (CFS) (00061)	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED IRON (FE) (UG/L) (01046)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	BICAR- BONATE (HCO3) (MG/L) (00440)	CAR- BONATE (CO3) (MG/L) (00445)	ALKA- LINITY AS CACO3 (MG/L) (00410)	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)
02321000 - NEW RIVER NR LAKE BUTLER FLA (LAT 29 59 53 LONG 082 16 27)											
OCT • 1975											
02...	209	6.0	740	5.6	1.6	5.2	.9	10	0	8	7.6
DEC											
10...	13	8.6	240	20	9.1	15	1.8	90	0	74	5.8
FEB • 1976											
04...	392	4.9	--	3.8	1.9	6.5	2.0	6	0	5	6.6
APR											
08...	17	6.6	240	17	7.2	14	1.5	69	0	57	6.8
JUN											
02...	216	4.1	--	4.9	1.9	6.4	1.7	10	0	8	7.6
AUG											
05...	100	3.6	--	6.0	2.0	5.4	1.7	12	0	10	9.0
02321500 - SANTA FE RIVER AT WORTHINGTON SPRINGS, FLA. (LAT 29 55 18 LONG 082 25 35)											
OCT • 1975											
07...	540	4.6	570	5.4	2.0	6.7	.9	10	0	8	13
APR • 1976											
08...	46	4.6	210	14	5.7	10	1.1	48	0	39	12
02321800 - OLUSTEE CREEK NR PROVIDENCE FLA (LAT 30 00 14 LONG 082 34 20)											
OCT • 1975											
02...	96	5.0	780	3.2	1.2	3.4	.2	0	0	0	10
DEC											
10...	1.7	5.4	460	3.6	1.9	3.2	.4	4	0	3	6.1
FEB • 1976											
04...	40	6.2	--	4.3	2.3	5.2	.5	8	0	7	5.6
APR											
08...	12	2.2	350	4.3	2.0	4.8	.4	10	0	8	5.5
JUN											
02...	64	4.1	--	3.9	1.6	5.0	.5	0	0	0	9.5
AUG											
06...	12	4.0	--	3.2	1.7	4.4	.3	0	0	0	14
02321998 - SANTA FE RIVER .1 MILE ABOVE US HWY 27 (LAT 29 50 40 LONG 082 37 50)											
SEP • 1976											
09...	--	6.0	--	13	4.4	7.0	1.4	40	0	33	16
02322000 - SANTA FE RIVER NR HIGH SPRINGS (LAT 29 50 33 LONG 082 37 52)											
SEP • 1976											
08...	--	11	--	52	11	9.5	1.2	136	0	112	60
02322540 - SANTA FE RIVER AT SR 47 NEAR FORT WHITE FLA (LAT 29 51 54 LONG 082 44 25)											
SEP • 1976											
08...	--	7.4	--	59	7.1	6.1	.6	176	0	144	27
02322600 - ALLIGATOR LAKE AT LAKE CITY FLA (LAT 30 10 31 LONG 082 37 55)											
OCT • 1975											
06...	--	3.1	--	11	2.2	8.5	.9	44	0	36	.4
APR • 1976											
07...	--	.8	--	8.4	1.8	8.3	1.8	30	0	25	3.0

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA.MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
02321000 - NEW RIVER NR LAKE BUTLER FLA (LAT 29 59 53 LONG 082 16 27)											
OCT . 1975 02...	8.7	.3	98	42	21	12	60	5.4	24.0	400	70
DEC 10...	23	.4	268	128	88	14	240	7.2	13.0	140	90
FEB . 1976 04...	12	.2	81	41	17	12	56	6.1	10.5	200	30
APR 08...	22	.5	142	110	72	16	210	7.2	18.0	120	130
JUN 02...	10	1.7	100	43	20	12	77	6.0	22.5	280	70
AUG 05...	9.5	.2	79	43	23	13	73	6.5	25.0	320	50
02321500 - SANTA FE RIVER AT WORTHINGTON SPRINGS. FLA. (LAT 29 55 18 LONG 082 25 35)											
OCT . 1975 07...	8.6	.3	102	47	22	14	83	5.7	23.5	320	30
APR . 1976 08...	15	.4	112	87	59	19	160	7.2	18.0	80	100
02321800 - OLUSTEE CREEK NR PROVIDENCE FLA (LAT 30 00 14 LONG 082 34 20)											
OCT . 1975 02...	6.8	.3	100	31	13	13	45	4.7	23.5	300	50
DEC 10...	8.9	.2	94	32	17	14	41	5.5	13.0	600	20
FEB . 1976 04...	11	.2	80	39	20	14	54	6.4	10.5	200	60
APR 08...	11	.4	82	36	19	11	59	6.2	19.0	150	30
JUN 02...	9.5	.3	118	34	16	16	57	4.9	23.5	320	60
AUG 06...	9.7	.3	100	38	15	15	52	5.0	25.0	400	90
02321998 - SANTA FE RIVER .1 MILE ABOVE US HWY 27 (LAT 29 50 40 LONG 082 37 50)											
SEP . 1976 09...	11	.3	116	79	51	18	122	7.0	25.0	140	200
02322000 - SANTA FE RIVER NR HIGH SPRINGS (LAT 29 50 33 LONG 082 37 52)											
SEP . 1976 08...	13	.3	274	226	180	65	380	7.4	25.0	60	880
02322540 - SANTA FE RIVER AT SR 47 NEAR FORT WHITE FLA (LAT 29 51 54 LONG 082 44 25)											
SEP . 1976 08...	8.1	.2	219	203	180	33	370	7.4	23.0	10	420
02322600 - ALLIGATOR LAKE AT LAKE CITY FLA (LAT 30 10 31 LONG 082 37 55)											
OCT . 1975 06...	11	.3	90	59	37	1	115	8.7	23.5	70	20
APR . 1976 07...	13	.3	81	52	28	4	90	6.7	18.0	75	40

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
02322700 - ICHATUCKNEE SPRINGS NR HILDRETH FLA (LAT 29 57 09 LONG 082 47 10)											
OCT , 1975 03...	400	9.8	30	51	5.9	3.3	.4	173	0	142	8.6
APR , 1976 09...	336	10	20	53	6.2	3.2	.4	165	0	135	9.4
02323490 - COPPER SPRING NR OLD TOWN FLA (LAT 29 36 50 LONG 082 58 26)											
NOV , 1975 11...	24	4.8	1100	74	3.7	3.8	.2	243	0	199	3.5
02323500 - SUWANNEE RIVER NEAR WILCOX, FLA. (LAT 29 35 22 LONG 082 56 12)											
OCT , 1975 06...	9150	--	230	--	--	--	--	--	--	--	--
DEC 10...	5610	--	--	--	--	--	--	--	--	--	--
FEB , 1976 04...	9240	--	--	--	--	--	--	--	--	--	--
APR 09...	8340	--	--	--	--	--	--	--	--	--	--
JUN 02...	17800	--	--	--	--	--	--	--	--	--	--
AUG 06...	8790	--	--	--	--	--	--	--	--	--	--
02324000 - STEINHATCHEE RIVER NEAR CROSS CITY, FLA. (LAT 29 47 11 LONG 083 19 18)											
NOV , 1975 25...	43	6.9	--	67	7.3	5.0	.4	227	0	186	2.3
FEB , 1976 05...	464	4.3	--	26	3.1	4.6	.2	80	0	66	7.7
APR 01...	118	4.0	--	42	4.3	4.7	.3	120	0	98	7.8
JUN 07...	139	--	--	--	--	--	--	--	--	--	--
AUG 04...	83	--	--	--	--	--	--	--	--	--	--
02324500 - FENHOLLOWAY RIVER AT FOLEY, FLA. (LAT 30 03 53 LONG 083 32 01)											
OCT , 1975 03...	92	17	880	43	16	380	2.7	294	0	241	280
DEC 02...	76	13	--	52	17	400	5.1	273	0	224	300
FEB , 1976 03...	138	9.2	--	35	11	230	3.5	128	0	105	180
APR 22...	72	12	650	56	16	380	4.6	240	0	197	210
JUN 03...	108	10	--	70	14	290	4.5	136	0	112	220
AUG 04...	80	14	--	71	17	430	6.0	239	0	196	290

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
02322700 - ICHATUCKNEE SPRINGS NR HILDRETH FLA (LAT 29 57 09 LONG 082 47 10)											
OCT , 1975 03...	4.9	--	167	169	150	10	310	7.4	21.5	4	200
APR , 1976 09...	4.9	.4	166	169	160	23	280	7.6	20.5	0	170
02323490 - COPPER SPRING NR OLD TOWN FLA (LAT 29 36 50 LONG 082 58 26)											
NOV , 1975 11...	6.2	.1	228	220	200	1	390	7.1	21.5	0	200
02323500 - SUWANNEE RIVER NEAR WILCOX, FLA. (LAT 29 35 22 LONG 082 56 12)											
OCT , 1975 06...	--	.2	--	--	--	--	--	7.3	23.5	--	--
DEC 10...	--	--	--	--	--	--	320	7.8	14.0	--	--
FEB , 1976 04...	--	--	--	--	--	--	120	7.3	12.5	--	--
APR 09...	--	--	--	--	--	--	200	7.5	20.0	--	--
JUN 02...	--	.0	--	--	--	--	58	6.4	23.5	--	--
AUG 06...	--	.1	--	--	--	--	240	7.7	25.0	--	--
02324000 - STEINHATCHEF RIVER NEAR CROSS CITY, FLA. (LAT 29 47 11 LONG 083 19 18)											
NOV , 1975 25...	9.0	.3	260	210	200	11	298	7.0	11.5	130	80
FEB , 1976 05...	9.5	.3	145	95	78	12	213	7.1	12.0	280	90
APR 01...	9.0	.3	190	132	120	24	230	6.7	22.0	360	45
JUN 07...	--	--	--	--	--	--	230	7.4	22.5	--	--
AUG 04...	--	--	--	--	--	--	340	6.8	25.0	--	--
02324500 - FENHOLLOWAY RIVER AT FOLEY, FLA. (LAT 30 03 53 LONG 083 32 01)											
OCT , 1975 03...	320	1.8	1260	1210	170	0	2000	7.5	27.5	1300	70
DEC 02...	380	.5	1510	1300	200	0	2150	7.3	21.5	1200	70
FEB , 1976 03...	240	1.2	927	775	130	28	1300	7.0	15.5	2000	100
APR 22...	410	1.5	1370	1200	210	13	2280	7.4	28.0	1760	120
JUN 03...	350	.3	1240	1030	230	120	1950	6.9	29.0	1600	170
AUG 04...	460	1.5	1640	1410	250	51	2450	7.0	31.5	2500	30

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
02326000 - ECONFINA RIVER NEAR PERRY, FLA. (LAT 30 10 14 LONG 083 49 26)											
DEC , 1975 02...	36	5.3	--	62	14	3.6	.3	251	0	206	2.6
FEB , 1976 02...	262	3.5	--	14	3.6	3.5	.3	45	0	37	9.0
MAR 30...	242	2.7	--	16	3.7	3.4	.3	48	0	39	11
JUN 03...	272	2.5	--	9.9	2.2	2.9	.2	17	0	14	11
AUG 05...	254	2.6	--	10	1.8	2.4	.3	20	0	16	10
02326500 - AUCILLA RIVER AT LAMONT, FLA. (LAT 30 22 11 LONG 083 48 25)											
OCT , 1975 03...	152	5.9	630	8.4	1.9	3.1	.4	24	0	20	5.5
APR , 1976 01...	686	--	--	--	--	--	--	--	--	--	--
02326526 - WACISSA RIVER NR WACISSA FLA (LAT 30 18 04 LONG 083 58 47)											
OCT , 1975 07...	377	12	0	49	8.1	3.6	.4	175	0	144	5.3
02326997 - RIVER SINK SPRING NR IVAN FLA (LAT 30 16 36 LONG 084 20 28.01)											
OCT , 1975 15...	--	--	--	--	--	4.7	--	--	--	--	--
JAN , 1976 22...	--	--	--	--	--	4.3	--	88	0	72	--
SEP 15...	--	--	--	--	--	4.2	--	--	--	--	--
02327000 - WAKULLA SPRING NR CRAWFORDVILLE FLA (LAT 30 14 05 LONG 084 18 05)											
OCT , 1975 16...	--	--	--	--	--	3.6	--	--	--	--	--
JAN , 1976 22...	--	10	--	38	9.3	4.2	.6	148	0	121	10
APR 22...	320	11	0	39	9.1	4.0	.6	154	0	126	7.4
SEP 15...	--	--	--	--	--	3.4	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
02326000 - ECONFINA RIVER NEAR PERRY, FLA. (LAT 30 10 14 LONG 083 49 26)											
DEC , 1975 02...	5.2	.3	246	217	210	7	325	7.1	16.0	10	40
FEB , 1976 02...	6.8	.2	115	63	50	13	77	7.1	10.5	400	70
MAR 30...	7.1	.2	134	68	55	16	110	6.8	20.0	600	65
JUN 03...	6.6	.3	136	44	34	20	67	6.2	20.5	500	40
AUG 05...	4.0	.2	108	41	32	16	68	5.6	25.0	200	30
02326500 - AUCILLA RIVER AT LAMONT, FLA. (LAT 30 22 11 LONG 083 48 25)											
OCT , 1975 03...	5.9	.3	75	44	29	9	60	6.6	21.0	210	50
APR , 1976 01...	--	--	--	--	--	--	34	4.9	19.0	--	--
02326526 - WACISSA RIVER NR WACISSA FLA (LAT 30 18 04 LONG 083 58 47)											
OCT , 1975 07...	5.8	.2	162	171	160	16	298	7.4	21.0	5	80
02326997 - RIVER SINK SPRING NR IVAN FLA (LAT 30 16 36 LONG 084 20 28.01)											
OCT , 1975 15...	8.5	--	--	--	--	--	189	--	21.0	--	--
JAN , 1976 22...	8.4	--	--	--	--	--	175	7.4	21.0	--	--
SEP 15...	7.3	--	--	--	--	--	180	--	22.0	--	--
02327000 - WAKULLA SPRING NR CRAWFORDVILLE FLA (LAT 30 14 05 LONG 084 18 05)											
OCT , 1975 16...	6.6	--	--	--	--	--	254	--	22.0	--	--
JAN , 1976 22...	5.4	.2	157	151	130	12	269	7.9	21.0	0	140
APR 22...	5.4	.2	162	153	130	4	289	7.9	21.0	5	100
SEP 15...	5.3	--	--	--	--	--	270	--	21.0	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA. (LAT 30 07 45 LONG 084 29 40)											
OCT , 1975 10...	612	3.4	--	1.1	.3	2.2	.1	0	0	0	1.0
NOV 18...	38	5.6	320	3.7	.8	2.7	.2	1	0	1	9.3
DEC 29...	33	6.3	--	4.9	.9	4.0	.2	6	0	5	7.8
JAN , 1976 15...	212	4.1	--	1.5	.4	2.2	.1	0	0	0	2.0
FEB 18...	40	4.2	--	3.4	.4	1.9	.0	2	0	2	6.8
MAR 24...	86	2.9	--	1.8	.1	2.0	.1	0	0	0	5.8
APR 21...	5.2	6.0	--	18	1.8	2.2	.2	55	0	45	5.0
JUN 01...	285	2.8	--	1.7	.1	1.9	.1	0	0	0	10
16...	75	3.6	--	3.3	.1	1.7	.1	0	0	0	11
JUL 22...	66	4.1	--	4.6	1.7	2.0	.1	7	0	6	6.3
AUG 19...	86	4.3	--	1.5	.1	1.7	.1	0	0	0	10
SEP 09...	334	4.0	--	.1	.3	1.7	.1	0	0	0	9.6
02329000 - OCHLOCKONEE RIVER NR HAVANA, FLA. (LAT 30 33 14 LONG 084 23 03)											
OCT , 1975 13...	827	8.8	--	3.7	.8	5.5	2.0	17	0	14	3.5
NOV 04...	290	10	--	8.8	2.4	10	1.7	30	0	25	4.1
13...	393	9.2	600	5.8	2.2	9.7	1.7	24	0	20	4.5
JAN , 1976 14...	1930	7.1	--	3.4	1.3	8.6	1.8	10	0	8	4.1
FEB 27...	985	5.7	770	3.2	1.1	14	1.5	13	0	11	3.2
MAR 31...	1840	5.7	--	4.9	.9	4.9	1.5	10	0	8	2.6
APR 30...	219	9.3	--	7.8	2.7	10	1.5	30	0	25	5.3
MAY 21...	5460	4.2	700	1.5	.2	2.5	1.4	5	0	4	4.5
JUN 18...	485	8.3	--	5.6	1.7	6.7	1.4	20	0	16	5.7
JUL 23...	676	7.3	--	6.5	2.0	5.3	1.8	17	0	14	3.7
AUG 17...	611	7.3	350	3.6	1.6	6.8	1.9	13	0	11	5.1
02329200 - LAKE JACKSON NR TALLAHASSEE, FLA. (LAT 30 31 43 LONG 084 21 30)											
OCT , 1975 16...	--	.0	20	1.6	.6	2.2	.3	1	0	1	2.4
MAY , 1976 03...	--	.0	10	1.6	.6	2.2	.3	8	0	7	2.5
AUG 18...	--	--	--	--	--	--	--	--	--	--	--
02329352 - ATTAPULGUS CREEK AT JAMISON, FLA. (LAT 30 39 46 LONG 084 27 48)											
APR , 1976 20...	44	--	--	--	--	--	--	--	--	--	--
JUN 14...	56	7.8	--	2.9	1.2	5.0	.6	3	0	2	2.4
SEP 08...	48	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA. (LAT 30 07 45 LONG 084 29 40)											
OCT , 1975 10...	4.1	.2	66	12	4	4	44	3.7	23.0	250	0
NOV 18...	4.3	.2	76	28	13	12	29	5.3	11.5	240	20
DEC 29...	5.2	.1	102	32	16	11	46	6.3	9.0	200	0
JAN , 1976 15...	4.0	.1	52	14	5	5	34	4.5	11.5	280	40
FEB 18...	4.9	.2	66	23	10	9	39	5.9	16.5	320	50
MAR 24...	4.4	.2	62	17	5	5	35	4.9	15.5	480	20
APR 21...	4.6	.1	86	65	52	7	138	7.2	24.0	260	60
JUN 01...	4.9	.3	88	23	5	5	46	4.5	22.5	--	120
16...	4.9	.3	76	25	9	9	53	5.4	23.5	240	60
JUL 22...	4.5	.0	78	27	19	13	34	4.2	26.5	320	70
AUG 19...	3.7	.3	98	22	4	4	37	3.7	24.0	480	60
SEP 09...	3.0	.3	84	20	2	2	42	3.2	23.5	280	30
02329000 - OCHLOCKONEE RIVER NR HAVANA, FLA. (LAT 30 33 14 LONG 084 23 03)											
OCT , 1975 13...	8.6	.1	56	41	13	0	73	6.5	23.5	100	80
NOV 04...	15	.4	83	67	32	7	96	6.8	19.5	65	150
13...	14	.5	58	60	24	4	92	6.8	19.0	75	100
JAN , 1976 14...	15	.1	42	46	14	6	64	6.9	9.5	90	40
FEB 27...	22	.2	80	58	13	2	122	6.8	13.5	130	120
MAR 31...	8.3	.2	54	34	16	8	60	6.8	20.0	220	50
APR 30...	15	.1	62	67	31	6	130	6.8	21.5	90	100
MAY 21...	5.2	.1	18	23	5	1	38	6.6	20.5	180	50
JUN 18...	11	.2	60	51	21	5	91	6.1	25.5	120	90
JUL 23...	7.8	.1	74	43	25	11	74	6.7	26.5	120	100
AUG 17...	11	.2	62	44	16	5	90	5.9	26.5	100	80
02329200 - LAKE JACKSON NR TALLAHASSEE, FLA. (LAT 30 31 43 LONG 084 21 30)											
OCT , 1975 16...	3.9	.1	22	12	6	5	28	6.3	27.0	5	0
MAY , 1976 03...	3.5	.1	19	15	6	0	37	6.8	25.5	10	20
AUG 18...	--	--	--	--	--	--	28	6.0	30.5	--	--
02329352 - ATTAPULGUS CREEK AT JAMISON, FLA. (LAT 30 39 46 LONG 084 27 48)											
APR , 1976 20...	--	--	--	--	--	--	58	6.0	21.0	--	--
JUN 14...	4.1	.1	48	26	12	10	54	7.0	23.0	30	30
SEP 08...	--	--	--	--	--	--	54	6.3	23.0	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
02329490 - WILLACOOCHEE CREEK NR QUINCY, FLA. (LAT 30 38 13 LONG 084 30 02)											
APR , 1976 20...	39	--	--	--	--	--	--	--	--	--	--
JUN 14...	47	5.5	--	2.3	.8	3.0	.3	8	0	7	1.9
SEP 08...	41	--	--	--	--	--	--	--	--	--	--
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY, FLA. (LAT 30 36 00 LONG 084 34 50)											
APR , 1976 23...	11	--	--	--	--	--	--	--	--	--	--
JUN 15...	14	5.4	--	4.0	1.3	3.5	.4	16	0	13	.5
AUG 11...	17	5.6	--	3.7	1.1	3.7	.8	13	0	11	.0
SEP 08...	23	--	--	--	--	--	--	--	--	--	--
02329538 - HOLMAN BRANCH NR QUINCY, FLA. (LAT 30 36 34 LONG 084 34 57)											
APR , 1976 21...	1.4	--	--	--	--	--	--	--	--	--	--
JUN 15...	1.6	7.3	--	2.7	1.0	3.1	.4	9	0	7	.5
SEP 08...	2.0	--	--	--	--	--	--	--	--	--	--
02329542 - QUINCY CREEK AT QUINCY, FLA. (LAT 30 35 32 LONG 084 33 49)											
APR , 1976 21...	15	--	--	--	--	--	--	--	--	--	--
JUN 15...	17	5.6	--	4.8	1.6	4.1	.6	20	0	16	1.9
SEP 08...	18	--	--	--	--	--	--	--	--	--	--
02329548 - TANYARD BRANCH NR QUINCY, FLA. (LAT 30 34 42 LONG 084 33 30)											
APR , 1976 21...	2.6	--	--	--	--	--	--	--	--	--	--
JUN 15...	3.1	6.4	--	4.2	2.0	7.9	.9	33	0	27	2.3
SEP 08...	3.8	--	--	--	--	--	--	--	--	--	--
02329553 - HUBBERT BRANCH NR QUINCY, FLA. (LAT 30 35 39 LONG 084 32 48)											
APR , 1976 21...	2.3	--	--	--	--	--	--	--	--	--	--
JUN 14...	2.8	6.7	--	4.0	1.3	3.8	.5	15	0	12	.0
SEP 08...	2.8	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
02329490 - WILLACOOCHEE CREEK NR QUINCY, FLA. (LAT 30 38 13 LONG 084 30 02)											
APR , 1976 20...	--	--	--	--	--	--	35	6.5	20.0	--	--
JUN 14...	3.8	.1	25	22	9	2	39	5.8	23.0	70	30
SEP 08...	--	--	--	--	--	--	40	6.5	22.5	--	--
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY, FLA. (LAT 30 36 00 LONG 084 34 50)											
APR , 1976 23...	--	--	--	--	--	--	120	7.4	20.0	--	--
JUN 15...	4.0	.1	28	29	15	2	49	5.6	24.0	30	30
AUG 11...	4.8	.1	44	26	14	3	55	6.6	28.0	5	50
SEP 08...	--	--	--	--	--	--	44	6.5	24.5	--	--
02329538 - HOLMAN BRANCH NR QUINCY, FLA. (LAT 30 36 34 LONG 084 34 57)											
APR , 1976 21...	--	--	--	--	--	--	35	7.4	20.0	--	--
JUN 15...	4.8	.2	29	24	11	4	39	5.5	22.0	45	30
SEP 08...	--	--	--	--	--	--	38	6.5	22.0	--	--
02329542 - QUINCY CREEK AT QUINCY, FLA. (LAT 30 35 32 LONG 084 33 49)											
APR , 1976 21...	--	--	--	--	--	--	50	6.7	20.5	--	--
JUN 15...	5.0	.1	38	34	19	2	60	5.7	22.0	35	30
SEP 08...	--	--	--	--	--	--	50	6.7	24.0	--	--
02329548 - TANYARD BRANCH NR QUINCY, FLA. (LAT 30 34 42 LONG 084 33 30)											
APR , 1976 21...	--	--	--	--	--	--	92	7.3	20.0	--	--
JUN 15...	10	.2	61	56	31	4	102	6.1	23.0	25	40
SEP 08...	--	--	--	--	--	--	90	6.8	22.5	--	--
02329553 - HUBBERT BRANCH NR QUINCY, FLA. (LAT 30 35 39 LONG 084 32 48)											
APR , 1976 21...	--	--	--	--	--	--	42	6.8	19.0	--	--
JUN 14...	4.8	.1	32	29	15	3	54	5.7	24.0	60	30
SEP 08...	--	--	--	--	--	--	50	6.6	22.5	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
02329565 - LITTLE RIVER NR LITTMAN, FLA. (LAT 30 33 12 LONG 084 30 54)											
APR , 1976											
23...	119	--	--	--	--	--	--	--	--	--	--
JUN											
16...	149	7.3	--	4.0	1.3	4.2	.6	12	0	10	1.5
SEP											
09...	144	--	--	--	--	--	--	--	--	--	--
02329582 - HURRICANE CREEK NR HAVANA, FLA. (LAT 30 34 57 LONG 084 28 44)											
APR , 1976											
20...	2.4	--	--	--	--	--	--	--	--	--	--
JUN											
14...	5.2	4.2	--	3.6	1.0	3.5	1.1	12	0	10	2.3
SEP											
08...	.49	--	--	--	--	--	--	--	--	--	--
02329600 - LITTLE RIVER NR MIDWAY, FLA. (LAT 30 30 44 LONG 084 31 25)											
APR , 1976											
23...	128	--	--	--	--	--	--	--	--	--	--
JUN											
16...	165	7.4	--	4.0	1.2	4.0	.6	13	0	11	1.1
SEP											
08...	128	--	--	--	--	--	--	--	--	--	--
02329877 - OCKLAWAHA CREEK NR WETUMPKA, FLA. (LAT 30 27 00 LONG 084 38 36)											
APR , 1976											
23...	37	--	--	--	--	--	--	--	--	--	--
JUN											
16...	45	3.2	--	.6	.2	1.6	.1	0	0	0	.0
SEP											
09...	50	--	--	--	--	--	--	--	--	--	--
02330050 - TELOGIA CREEK NR GREENSBORO, FLA. (LAT 30 33 34 LONG 084 43 36)											
APR , 1976											
22...	9.8	--	--	--	--	--	--	--	--	--	--
JUN											
16...	11	3.6	--	2.3	1.2	3.5	1.4	11	0	9	.5
SEP											
09...	17	--	--	--	--	--	--	--	--	--	--
02330100 - TELOGIA CREEK NR BRISTOL, FLA. (LAT 30 25 35 LONG 084 55 40)											
APR , 1976											
22...	78	--	--	--	--	--	--	--	--	--	--
JUN											
16...	94	3.8	--	.8	.4	2.1	.5	2	0	1	1.1
SEP											
09...	184	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
02329565 - LITTLE RIVER NR LITTMAN, FLA. (LAT 30 33 12 LONG 084 30 54)											
APR , 1976 23...	--	--	--	--	--	--	82	6.5	20.0	--	--
JUN 16...	4.2	.3	35	29	15	6	56	6.2	24.0	80	30
SEP 09...	--	--	--	--	--	--	54	6.4	23.5	--	--
02329582 - HURRICANE CREEK NR HAVANA, FLA. (LAT 30 34 57 LONG 084 28 44)											
APR' , 1976 20...	--	--	--	--	--	--	54	6.3	20.5	--	--
JUN 14...	5.0	.2	40	27	13	3	54	5.7	26.0	50	40
SEP 08...	--	--	--	--	--	--	68	6.8	22.0	--	--
02329600 - LITTLE RIVER NR MIDWAY, FLA. (LAT 30 30 44 LONG 084 31 25)											
APR , 1976 23...	--	--	--	--	--	--	68	6.4	21.0	--	--
JUN 16...	4.5	.2	42	34	15	4	55	6.0	24.0	80	30
SEP 08...	--	--	--	--	--	--	60	6.6	23.0	--	--
02329877 - OCKLAWAHA CREEK NR WETUMPKA, FLA. (LAT 30 27 00 LONG 084 38 36)											
APR , 1976 23...	--	--	--	--	--	--	40	5.2	18.0	--	--
JUN 16...	2.0	.1	13	8	2	2	14	4.0	21.0	65	30
SEP 09...	--	--	--	--	--	--	19	4.3	21.0	--	--
02330050 - TELOGIA CREEK NR GREENSBORO, FLA. (LAT 30 33 34 LONG 084 43 36)											
APR , 1976 22...	--	--	--	--	--	--	38	6.3	21.0	--	--
JUN 16...	4.5	.2	31	23	11	2	42	4.9	25.0	80	30
SEP 09...	--	--	--	--	--	--	41	5.8	22.5	--	--
02330100 - TELOGIA CREEK NR BRISTOL, FLA. (LAT 30 25 35 LONG 084 55 40)											
APR , 1976 22...	--	--	--	--	--	--	18	5.5	19.5	--	--
JUN 16...	2.7	.1	20	12	4	3	18	4.2	22.0	80	30
SEP 09...	--	--	--	--	--	--	25	4.4	22.0	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
02358000 - APALACHICOLA RIVER AT CHATTAHOOCHEE FLA (LAT 30 42 03 LONG 084 51 33)											
OCT • 1975											
08...	42000	7.7	--	13	.5	5.0	1.3	40	0	33	4.4
NOV											
03...	13600	8.5	--	13	.9	4.6	1.5	54	0	44	3.7
19...	33100	7.7	70	9.5	.8	4.0	1.7	30	0	25	4.6
JAN • 1976											
29...	53600	8.0	--	8.4	.9	4.8	1.4	30	0	25	5.9
MAR											
09...	17200	6.3	30	15	.8	4.0	1.0	47	0	39	3.0
APR											
02...	60700	7.5	--	5.7	.6	4.3	1.4	22	0	18	4.2
23...	20200	6.6	--	11	.9	4.0	1.3	35	0	29	5.2
MAY											
31...	26400	6.0	310	12	.8	3.2	1.2	34	0	28	3.2
JUN											
25...	30600	6.3	--	12	.6	4.2	1.2	40	0	33	4.6
JUL											
27...	12800	7.6	--	13	1.3	5.2	1.5	42	0	34	4.2
AUG											
26...	12800	7.9	0	13	.8	4.4	1.3	47	0	39	3.2
02358600 - FLAT CREEK NR CHATTAHOOCHEE FLA (LAT 30 37 43 LONG 084 50 06)											
APR • 1976											
22...	27	--	--	--	--	--	--	--	--	--	--
JUN											
16...	24	6.5	--	3.6	1.5	2.7	.5	15	0	12	.5
SEP											
09...	31	--	--	--	--	--	--	--	--	--	--
02359000 - CHIPOLA RIVER NR ALTHA, FLA. (LAT 30 32 02 LONG 085 09 55)											
OCT • 1975											
10...	2380	6.1	--	24	1.7	4.5	.8	70	0	57	1.6
NOV											
10...	1380	6.6	90	36	3.1	3.2	.6	112	0	92	1.4
DEC											
15...	1170	6.3	--	36	4.1	3.3	.4	110	0	90	.7
JAN • 1976											
20...	1490	5.5	--	29	3.1	3.6	.5	95	0	78	.5
FEB											
24...	1520	4.6	90	31	2.4	3.5	.4	107	0	88	.9
MAR											
26...	1410	5.2	--	30	3.0	3.5	.4	105	0	86	1.4
APR											
20...	1160	6.2	--	33	3.6	3.0	.4	115	0	94	1.4
MAY											
26...	1890	5.4	210	25	2.5	3.3	.5	85	0	70	.5
JUN											
17...	1120	5.9	--	10	1.1	2.7	.8	39	0	32	2.8
JUL											
26...	893	6.5	--	34	4.5	3.0	.5	112	0	92	1.2
AUG											
24...	707	6.3	0	33	4.7	2.5	.4	115	0	94	1.0
02359660 - DEER POINT LAKE NEAR PANAMA CITY FLA (LAT 30 17 45 LONG 085 34 55)											
OCT • 1975											
15...	--	3.8	180	6.0	1.1	2.9	.3	17	0	14	.8
MAY • 1976											
04...	--	2.8	20	11	1.8	2.8	.7	40	0	33	3.2
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
02358000 - APALACHICOLA RIVER AT CHATTAHOOCHEE FLA (LAT 30 42 03 LONG 084 51 33)											
OCT , 1975											
08...	3.4	.1	56	55	35	2	122	7.4	23.0	20	80
NOV											
03...	3.7	.0	61	63	36	0	99	7.6	21.0	10	140
19...	3.2	.1	39	47	27	2	72	7.4	17.5	25	80
JAN , 1976											
29...	3.5	.3	48	48	25	0	67	7.2	9.5	30	150
MAR											
09...	3.6	.1	64	57	41	2	165	7.8	19.0	20	30
APR											
02...	3.5	.1	44	38	17	0	69	7.1	20.0	50	50
23...	3.2	.1	58	50	31	2	108	7.6	23.5	35	80
MAY											
31...	3.5	.1	64	47	33	5	87	--	24.0	50	60
JUN											
25...	3.0	.2	50	52	33	0	101	7.2	27.5	40	100
JUL											
27...	3.5	.1	79	57	38	4	109	7.2	29.0	20	100
AUG											
26...	3.4	.1	74	57	36	0	106	7.4	29.0	10	90
02358600 - FLAT CREEK NR CHATTAHOOCHEE FLA (LAT 30 37 43 LONG 084 50 06)											
APR , 1976											
22...	--	--	--	--	--	--	40	6.7	20.0	--	--
JUN											
16...	3.0	.2	30	26	15	3	41	5.3	22.0	35	40
SEP											
09...	--	--	--	--	--	--	46	6.6	21.0	--	--
02359000 - CHIPOLA RIVER NR ALTHA, FLA. (LAT 30 32 02 LONG 085 09 55)											
OCT , 1975											
10...	8.2	.5	96	82	67	10	171	7.3	22.0	40	80
NOV											
10...	6.0	.3	136	113	100	11	210	8.0	21.5	25	100
DEC											
15...	5.7	.1	130	111	110	20	186	7.8	16.0	5	80
JAN , 1976											
20...	6.2	.1	98	95	85	7	169	8.1	10.5	10	60
FEB											
24...	5.8	.1	112	102	87	0	196	7.4	16.0	30	120
MAR											
26...	6.0	.1	114	101	87	1	192	7.7	18.0	35	80
APR											
20...	5.4	.0	108	110	97	3	191	8.1	22.5	5	80
MAY											
26...	6.0	.1	110	85	73	3	163	7.7	22.5	30	40
JUN											
17...	4.3	.1	46	47	30	0	216	7.6	24.5	5	100
JUL											
26...	4.6	.0	132	110	100	12	221	7.7	25.0	5	250
AUG											
24...	4.3	.2	136	109	100	6	220	7.8	25.0	5	--
02359660 - DEER POINT LAKE NEAR PANAMA CITY FLA (LAT 30 17 45 LONG 085 34 55)											
OCT , 1975											
15...	4.5	.1	52	28	20	6	56	6.1	26.0	80	50
MAY , 1976											
04...	3.9	.1	46	46	35	2	97	7.4	23.0	10	50
SEP											
15...	--	--	--	--	--	--	73	6.9	25.0	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTAN- TANEOUS DIS- CHARGE (CFS) (00061)	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED IRON (FE) (UG/L) (01046)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	BICAR- BONATE (HCO3) (MG/L) (00440)	CAR- BONATE (CO3) (MG/L) (00445)	ALKA- LINITY AS CACO3 (MG/L) (00410)	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)
02365500 - CHOCTAWHATCHEE RIVER AT CARYVILLE, FLA. (LAT 30 46 32 LONG 085 49 40)											
OCT , 1975											
14...	15600	--	--	--	--	--	--	16	0	13	--
APR , 1976											
27...	5100	--	--	--	--	--	--	24	0	20	--
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)											
OCT , 1975											
07...	17000	6.3	490	8.2	1.3	2.3	1.5	23	0	19	2.5
NOV											
12...	9180	6.5	590	9.0	1.8	2.7	1.1	32	0	26	2.3
DEC											
17...	6346	5.7	--	9.4	1.1	2.9	.8	30	0	25	1.6
JAN , 1976											
22...	9610	3.9	--	8.3	1.3	2.6	.7	30	0	25	1.6
FEB											
26...	9140	2.8	480	5.9	.5	2.5	.9	24	0	20	2.4
MAR											
30...	10300	4.3	--	8.0	.8	2.6	.7	27	0	22	1.6
APR											
29...	5430	5.7	--	10	1.6	3.0	.9	33	0	27	2.5
MAY											
20...	14100	4.2	940	8.2	.2	1.5	1.0	17	0	14	2.9
JUN											
24...	6040	6.4	--	32	3.8	2.9	.4	111	0	91	1.6
JUL											
29...	3920	6.1	--	16	2.4	3.6	1.1	51	0	42	1.6
AUG											
26...	2980	7.0	50	18	2.5	3.7	.9	63	0	52	1.2
02366900 - MAGNOLIA CREEK NR FREEPORT, FLA. (LAT 30 31 48 LONG 086 05 15)											
NOV , 1975											
17...	47	3.3	--	3.9	2.5	2.2	3.9	1	0	1	3.2
JUN , 1976											
08...	38	3.3	--	4.0	2.1	1.6	3.5	3	0	2	3.1
02366911 - LAFAYETTE CREEK AT FREEPORT, FLA. (LAT 30 29 35 LONG 086 07 33)											
JUN , 1976											
08...	123	3.3	--	3.3	1.7	1.9	2.8	3	0	2	2.9

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
02365500 - CHOCTAWHATCHEE RIVER AT CARYVILLE, FLA. (LAT 30 46 32 LONG 085 49 40)											
OCT , 1975 14...	--	--	--	--	--	--	46	6.6	21.5	100	--
APR , 1976 27...	--	--	--	--	--	--	77	6.4	21.5	110	--
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)											
OCT , 1975 07...	4.0	.1	50	38	26	7	64	6.3	22.0	60	70
NOV 12...	5.0	.2	29	45	30	4	69	7.0	21.0	90	120
DEC 17...	4.1	.0	38	41	28	3	72	7.0	15.5	60	160
JAN , 1976 22...	4.5	.1	51	38	26	1	54	7.4	8.0	50	60
FEB 26...	3.9	.1	42	31	17	0	48	7.0	16.0	120	120
MAR 30...	4.1	.1	50	36	23	1	70	7.1	20.5	130	50
APR 29...	4.4	.0	50	44	32	5	76	7.2	21.5	90	80
MAY 20...	3.2	.0	56	31	21	7	34	--	21.0	170	20
JUN 24...	4.8	.1	106	107	96	5	90	6.8	25.5	90	100
JUL 29...	5.0	.0	76	61	50	8	114	6.9	28.0	60	130
AUG 26...	5.3	.1	98	70	55	3	146	7.3	27.0	20	110
02366900 - MAGNOLIA CREEK NR FREEPORT, FLA. (LAT 30 31 48 LONG 086 05 15)											
NOV , 1975 17...	7.2	.1	52	21	20	19	60	6.7	14.0	20	0
JUN , 1976 08...	7.2	.0	50	26	19	16	70	5.9	21.0	20	70
02366911 - LAFAYETTE CREEK AT FREEPORT, FLA. (LAT 30 29 35 LONG 086 07 33)											
JUN , 1976 08...	6.6	.0	55	37	15	13	58	6.2	21.0	30	60

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTAN- TANEOUS DIS- CHARGE (CFS) (00061)	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED IRON (FE) (UG/L) (01046)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	BICAR- BONATE (HCO3) (MG/L) (00440)	CAR- BONATE (CO3) (MG/L) (00445)	ALKA- LINITY AS CACO3 (MG/L) (00410)	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)
02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)											
OCT , 1975 02...	3380	5.5	--	3.9	.7	1.7	.6	10	0	8	2.0
15...	2560	6.0	--	4.5	.4	1.8	.6	14	0	11	1.8
NOV 11...	2330	6.0	590	7.2	1.1	1.9	.6	20	0	16	1.8
DEC 16...	1560	5.9	--	6.6	.8	2.2	.4	21	0	17	2.6
JAN , 1976 21...	1450	5.6	--	5.2	.6	2.0	.4	18	0	15	.8
FEB 25...	4120	3.7	200	2.1	.0	2.1	.5	9	0	7	2.5
MAR 30...	3180	3.9	--	2.8	.2	2.0	.5	12	0	10	1.7
APR 28...	1160	5.3	--	4.5	.8	2.2	.6	19	0	16	1.8
MAY 18...	6150	3.5	630	2.1	.2	1.3	.7	7	0	6	2.6
JUN 23...	1300	5.8	--	5.1	.3	1.9	.6	10	0	8	2.3
JUL 28...	593	5.9	--	5.2	1.2	2.6	.5	26	0	21	1.3
AUG 25...	369	5.9	150	7.9	1.4	2.3	.4	30	0	25	1.0
02370000 - BLACKWATER RIVER NR BAKER, FLA. (LAT 30 50 00 LONG 086 44 05)											
APR , 1976 27...	257	--	--	--	--	--	--	5	0	4	--
02375500 - ESCAMBIA RIVER NEAR CENTURY, FLA. (LAT 30 57 25 LONG 087 14 00)											
OCT , 1975 01...	32000	5.7	--	6.1	.6	2.0	1.1	10	0	8	3.7
14...	13600	8.1	--	6.5	.4	2.9	1.1	20	0	16	3.0
NOV 11...	12600	7.4	430	6.0	.5	4.2	.8	22	0	18	3.6
DEC 16...	5230	8.4	--	9.3	.8	4.6	.8	31	0	25	3.0
JAN , 1976 21...	7070	7.7	--	7.5	.7	3.8	.7	20	0	16	3.3
FEB 25...	14300	6.4	210	5.3	.1	3.5	.7	16	0	13	3.8
MAR 29...	17100	5.5	--	5.0	.3	3.5	.8	10	0	8	3.5
APR 28...	5700	7.5	--	7.8	.7	4.2	.8	23	0	19	2.9
MAY 19...	26000	5.5	630	3.9	.2	2.2	.9	14	0	11	3.6
JUN 23...	6530	7.7	--	8.8	.1	3.7	.8	27	0	22	3.4
JUL 28...	2150	7.2	--	10	1.1	8.8	1.1	34	0	28	4.4
AUG 25...	1730	7.2	10	8.7	.7	9.2	1.1	29	0	24	4.9
02376033 - ESCAMBIA RIVER NR MOLINO, FLA. (LAT 30 40 05 LONG 087 16 00)											
OCT , 1975 15...	--	--	--	--	--	--	--	19	0	16	--
MAY , 1976 19...	--	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)											
OCT , 1975											
02...	2.6	.1	32	22	13	5	31	6.3	20.0	70	150
15...	2.9	.1	36	25	13	1	42	6.9	22.0	80	70
NOV 11...	3.6	.2	56	33	23	7	37	6.7	21.5	75	110
DEC 16...	5.1	.1	37	34	20	3	40	6.9	15.0	40	40
JAN , 1976 21...	3.5	.0	20	27	16	1	33	7.1	8.0	50	40
FEB 25...	3.1	.1	38	19	5	0	35	6.7	13.5	130	120
MAR 30...	3.2	.2	30	20	8	0	33	6.8	19.0	160	50
APR 28...	3.3	.0	24	28	15	0	57	6.8	18.0	70	50
MAY 18...	2.7	.0	28	17	6	0	26	5.8	20.0	120	30
JUN 23...	3.1	.1	32	24	14	6	48	6.7	24.0	100	100
JUL 28...	3.5	.0	50	33	18	0	66	6.3	28.0	50	30
AUG 25...	3.2	.1	38	37	26	1	69	6.7	27.0	30	100
02370000 - BLACKWATER RIVER NR BAKER, FLA. (LAT 30 50 00 LONG 086 44 05)											
APR , 1976 27...	--	--	--	--	--	--	24	6.0	19.5	60	--
02375500 - ESCAMBIA RIVER NEAR CENTURY, FLA. (LAT 30 57 25 LONG 087 14 00)											
OCT , 1975											
01...	2.6	.3	44	27	18	10	44	6.0	19.5	100	60
14...	4.4	.1	50	36	18	2	64	--	22.5	80	80
NOV 11...	5.8	.1	62	40	17	0	59	7.0	21.0	65	200
DEC 16...	5.7	.3	76	48	27	2	63	7.0	14.0	40	80
JAN , 1976 21...	5.0	.0	53	39	22	6	47	6.9	8.5	40	60
FEB 25...	4.3	.1	28	32	14	1	60	6.9	13.5	130	140
MAR 29...	4.4	.1	46	28	14	6	60	6.8	18.0	200	50
APR 28...	5.5	.0	34	41	22	3	91	7.2	21.0	60	80
MAY 19...	3.0	.0	44	27	11	0	39	6.1	20.0	160	40
JUN 23...	4.7	.1	42	43	23	1	81	7.2	26.0	120	110
JUL 28...	10	.0	73	59	30	2	114	6.7	29.0	60	90
AUG 25...	12	.1	74	58	25	1	110	6.7	27.0	50	100
02376033 - ESCAMBIA RIVER NR MOLINO, FLA. (LAT 30 40 05 LONG 087 16 00)											
OCT , 1975 15...	--	--	--	--	--	--	54	6.8	20.5	10	--
MAY , 1976 19...	--	--	--	--	--	--	42	7.0	18.0	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
02376070 - ESCAMBIA RIVER AT US HWY 90 NR PENSACOLA (LAT 30 32 56 LONG 087 11 44.01)											
MAY , 1976											
19...	--	4.5	760	4.1	.1	3.0	.8	3	0	2	6.0
02376108 - ELEVENMILE CREEK NR ENSLEY, FLA. (LAT 30 32 52 LONG 087 19 49)											
APR , 1976											
26...	32	12	520	40	2.8	190	8.4	213	0	175	100
02376500 - PERDIDO RIVER AT BARRINEAU PARK, FLA. (LAT 30 41 25 LONG 087 26 25)											
OCT , 1975											
15...	658	7.7	390	.7	.5	2.2	.5	3	0	2	.0
NOV											
19...	801	8.4	330	.6	.5	2.2	.3	3	0	2	.0
JAN , 1976											
07...	962	6.7	160	.8	.5	1.9	.4	1	0	1	1.2
FEB											
23...	1510	5.3	320	1.4	.6	3.0	.8	2	0	2	5.6
MAR											
31...	997	6.3	270	1.4	.5	2.7	.3	5	0	4	.2
MAY											
12...	520	4.3	270	.8	.6	2.6	.5	1	0	1	.0
JUN											
21...	430	6.3	210	.9	.5	3.3	.9	3	0	2	3.4
290146082353600 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I4 (LAT 29 01 46 LONG 082 35 36)											
OCT , 1975											
22...	--	--	--	--	--	--	--	127	0	104	--
NOV											
12...	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	127	0	104	--
12...	--	--	--	--	--	--	--	--	--	--	--
DEC											
10...	--	--	--	--	--	--	--	132	0	108	--
JAN , 1976											
28...	--	--	--	47	4.9	--	--	--	--	--	--
MAR											
24...	--	--	--	46	5.1	--	--	--	--	--	--
MAY											
21...	--	--	--	30	7.7	--	--	--	--	--	--
JUL											
26...	--	--	--	42	3.7	--	--	--	--	--	--
SEP											
21...	--	--	--	40	3.7	--	--	--	--	--	--
290230082301500 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I3 (LAT 29 02 30 LONG 082 30 15)											
OCT , 1975											
22...	--	--	--	--	--	--	--	124	0	102	--
NOV											
10...	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	130	0	107	--
DEC											
10...	--	--	--	--	--	--	--	132	0	108	--
JAN , 1976											
28...	--	--	--	46	4.9	--	--	--	--	--	--
MAR											
24...	--	--	--	44	5.0	--	--	--	--	--	--
MAY											
20...	--	--	--	44	4.9	--	--	--	--	--	--
JUL											
26...	--	--	--	40	3.7	--	--	--	--	--	--
SEP											
21...	--	--	--	40	3.7	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
02376070 - ESCAMBIA RIVER AT US HWY 90 NR PENSACOLA (LAT 30 32 56 LONG 087 11 44.01)											
MAY , 1976 19...	3.9	.0	61	24	11	9	39	7.0	19.0	130	10
02376108 - ELEVENMILE CREEK NR ENSLEY, FLA. (LAT 30 32 52 LONG 087 19 49)											
APR , 1976 28...	180	.7	722	640	110	0	1160	7.5	25.5	640	120
02376500 - PERDIDO RIVER AT BARRINEAU PARK, FLA. (LAT 30 41 25 LONG 087 26 25)											
OCT , 1975 15...	4.0	.0	--	17	4	2	23	4.9	19.5	--	40
NOV 19...	3.6	.1	--	18	4	2	25	6.1	12.5	--	40
JAN , 1976 07...	3.4	.0	--	16	4	3	23	4.9	8.5	--	70
FEB 23...	4.2	.0	--	--	6	5	28	4.8	13.0	--	50
MAR 31...	3.8	.0	--	18	6	2	22	5.2	19.0	--	60
MAY 12...	3.6	.0	--	--	5	4	36	4.8	20.0	--	50
JUN 21...	3.8	.0	--	22	4	2	25	5.8	22.5	--	50
290146082353600 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I4 (LAT 29 01 46 LONG 082 35 36)											
OCT , 1975 22...	6.2	--	--	--	130	26	252	7.6	22.0	63	--
NOV 12...	--	--	--	--	--	--	270	7.1	23.5	--	--
12...	6.8	--	--	--	120	16	270	7.1	23.5	60	--
12...	--	--	--	--	--	--	--	7.1	--	--	--
DEC 10...	8.2	--	--	--	130	22	269	7.8	16.0	45	--
JAN , 1976 28...	7.3	--	--	--	140	--	226	7.8	15.0	15	--
MAR 24...	7.8	--	--	--	140	--	278	8.3	20.5	10	--
MAY 21...	6.0	--	--	--	110	--	212	8.4	25.5	5	--
JUL 26...	7.2	--	--	--	120	--	250	7.1	29.0	60	--
SEP 21...	6.5	--	--	--	120	--	256	7.3	26.5	70	--
290230082301500 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I3 (LAT 29 02 30 LONG 082 30 15)											
OCT , 1975 22...	7.8	--	--	--	130	28	251	7.5	21.0	75	--
NOV 10...	--	--	--	--	--	--	270	7.1	23.5	--	--
18...	6.8	--	--	--	120	13	256	7.7	18.0	60	--
DEC 10...	6.6	--	--	--	130	22	262	7.9	17.0	40	--
JAN , 1976 28...	6.6	--	--	--	140	--	256	7.6	17.5	10	--
MAR 24...	6.6	--	--	--	130	--	274	8.1	21.0	10	--
MAY 20...	5.7	--	--	--	130	--	274	7.8	25.5	10	--
JUL 26...	7.2	--	--	--	120	--	246	7.2	29.5	55	--
SEP 21...	6.5	--	--	--	120	--	237	7.1	25.5	80	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976 L SURVEY
MAJOR CONSTITUENTS

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
294802082221800 - ROCKY CREEK 3 MILES SW OF SUNSHINE LAKE FLA (LAT 29 48 02 LONG 082 22 18)											
SEP , 1976 09...	--	5.6	--	6.1	2.3	5.5	.5	7	0	6	17
294911085180400 - PORT ST JOE CHIPOLA R DISTRIB CA AT WATER PLANT (LAT 29 49 11 LONG 085 18 04)											
AUG , 1976 19...	--	5.2	--	17	1.9	5.5	1.0	29	0	24	25
294947082200300 - RHUDA BRANCH AT CO RD SOUTH OF SUNSHINE LAKE FLA (LAT 29 49 47 LONG 082 20 03)											
SEP , 1976 09...	--	7.0	--	7.9	2.6	6.7	3.4	6	0	5	18
294959082404900 - RUM ISLAND SPRING NEAR HIGH SPRINGS FLA (LAT 29 49 59 LONG 082 40 49)											
SEP , 1976 16...	--	5.0	--	60	6.1	4.1	.5	204	0	167	11
295042083332901 - BLUE SPRING NR KEATON BEACH FLORIDA (LAT 29 50 42 LONG 083 33 29.01)											
DEC , 1975 04...	--	3.6	0	36	14	4.0	.2	178	0	146	.2
295059082353600 - HORNESBY SPRING NR HIGH SPRINGS FLA (LAT 29 50 59 LONG 082 35 36)											
SEP , 1976 08...	--	13	--	69	11	13	1.3	192	0	157	62
295359082453100 - WILSON SPRING NEAR FORT WHITE FLA (LAT 29 53 59 LONG 082 45 31)											
SEP , 1976 16...	--	20	--	62	12	10	1.0	150	0	123	78
295453082502400 - HETTY SPRING NEAR HILDRETH FLA (LAT 29 54 53 LONG 082 50 24)											
SEP , 1976 16...	--	11	--	65	3.9	3.1	.4	190	0	156	17
295517082101800 - LAKE ROWELL OUTLET NR STARKE FLA (LAT 29 55 17 LONG 082 10 18)											
SEP , 1976 09...	--	.4	--	28	4.1	21	1.5	40	0	33	79
300228083013200 - MEARSON SPRING NEAR MAYO FLORIDA (LAT 30 02 28 LONG 083 01 32)											
DEC , 1975 03...	62	5.8	0	52	8.1	2.6	.3	188	0	154	8.2
300329083351501 - CARLTON SPRING NEAR PERRY, FLORIDA (LAT 30 03 29 LONG 083 35 15.01)											
DEC , 1975 05...	--	4.0	10	41	15	7.1	.2	202	0	166	.9

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
294802082221800 - ROCKY CREEK 3 MILES SW OF SUNSHINE LAKE FLA (LAT 29 48 02 LONG 082 22 18)											
SEP , 1976 09...	10	.4	133	51	25	19	72	6.2	24.0	80	100
294911085180400 - PORT ST JOE CHIPOLA R DISTRIB CA AT WATER PLANT (LAT 29 49 11 LONG 085 18 04)											
AUG , 1976 19...	8.4	.1	81	79	51	27	135	6.3	26.5	5	200
294947082200300 - RHUDA BRANCH AT CO RD SOUTH OF SUNSHINE LAKE FLA (LAT 29 49 47 LONG 082 20 03)											
SEP , 1976 09...	16	.3	105	65	31	26	105	6.5	24.0	80	60
294959082404900 - RUM ISLAND SPRING NEAR HIGH SPRINGS FLA (LAT 29 49 59 LONG 082 40 49)											
SEP , 1976 16...	4.9	.1	202	200	180	13	352	7.5	22.0	5	220
295042083332901 - BLUE SPRING NR KEATON BEACH FLORIDA (LAT 29 50 42 LONG 083 33 29.01)											
DEC , 1975 04...	4.4	.2	156	150	150	4	290	7.7	21.5	10	30
295059082353600 - HORNESBY SPRING NR HIGH SPRINGS FLA (LAT 29 50 59 LONG 082 35 36)											
SEP , 1976 08...	12	.3	307	277	220	61	475	7.4	23.0	5	1000
295359082453100 - WILSON SPRING NEAR FORT WHITE FLA (LAT 29 53 59 LONG 082 45 31)											
SEP , 1976 16...	17	.3	318	275	210	82	440	7.6	22.5	70	640
295453082502400 - BETTY SPRING NEAR HILDRETH FLA (LAT 29 54 53 LONG 082 50 24)											
SEP , 1976 16...	6.2	.1	223	200	180	23	362	7.6	22.0	5	110
295517082101800 - LAKE ROWELL OUTLET NW STARKE FLA (LAT 29 55 17 LONG 082 10 18)											
SEP , 1976 09...	10	.2	186	164	87	54	280	7.8	30.0	30	12
300228083013200 - MEARSON SPRING NEAR MAYO FLORIDA (LAT 30 02 28 LONG 083 01 32)											
DEC , 1975 03...	3.2	.2	182	173	160	9	317	7.6	21.5	5	60
300329083351501 - CARLTON SPRING NEAR PERRY, FLORIDA (LAT 30 03 29 LONG 083 35 15.01)											
DEC , 1975 05...	7.2	.2	178	175	160	0	300	7.8	22.5	10	40

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
301215085370500 - BAY CO WATER SYSTEM DEER POINT LAKE AT WAT PLANT (LAT 30 12 15 LONG 085 37 05)											
AUG , 1976											
20...	--	2.9	--	9.5	2.1	6.8	.6	25	0	21	8.6
301910084175500 - MUNSON SLOUGH AT EIGHTMILE SK NR TALLAHASSEE FLA (LAT 30 19 10 LONG 084 17 55)											
APR , 1976											
15...	13	--	--	--	--	32	--	--	--	--	--
SEP											
20...	12	--	--	--	--	30	--	--	--	--	--
301925084180800 - MUNSON SLOUGH AT OAK RIDGE RD NR TALLAHASSEE FLA (LAT 30 19 25 LONG 084 18 08)											
APR , 1976											
15...	19	--	--	--	--	32	--	--	--	--	--
SEP											
20...	15	--	--	--	--	30	--	--	--	--	--
302127084181100 - MUNSON SLOUGH AT CRAWFORDVILLE HWY TALL FLA (LAT 30 21 27 LONG 084 18 11)											
JAN , 1976											
26...	15	--	--	--	--	--	--	179	0	147	--
APR											
15...	13	--	--	--	--	33	--	--	--	--	--
SEP											
20...	12	--	--	--	--	31	--	--	--	--	--
302144084184800 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 111 (LAT 30 21 44 LONG 084 18 48)											
SEP , 1976											
14...	--	--	--	--	--	23	--	--	--	--	--
302145084185000 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 110 (LAT 30 21 45 LONG 084 18 50)											
SEP , 1976											
14...	--	--	--	--	--	23	--	--	--	--	--
302154084180500 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 103 (LAT 30 21 54 LONG 084 18 05)											
SEP , 1976											
14...	--	--	--	--	--	25	--	--	--	--	--
302158084180700 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 102 (LAT 30 21 58 LONG 084 18 07)											
SEP , 1976											
14...	--	--	--	--	--	25	--	--	--	--	--
302203084180900 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 101 (LAT 30 22 03 LONG 084 18 09)											
SEP , 1976											
14...	--	--	--	--	--	26	--	--	--	--	--
302204084181600 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 104 (LAT 30 22 04 LONG 084 18 16)											
SEP , 1976											
14...	--	--	--	--	--	25	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS- SOLVED CHLO- RIDE (CL) (MG/L) (00940)	DIS- SOLVED FLUO- RIDE (F) (MG/L) (00950)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	HARD- NESS (CA,MG) (MG/L) (00900)	NON- CAR- BONATE HARD- NESS (MG/L) (00902)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	DIS- SOLVED STRON- TIUM (SR) (UG/L) (01080)
301215085370500 - BAY CO WATER SYSTEM DEER POINT LAKE AT WAT PLANT (LAT 30 12 15 LONG 085 37 05)											
AUG , 1976											
20...	15	1.1	77	59	33	12	98	6.2	28.0	10	150
301910084175500 - MUNSON SLOUGH AT EIGHTMILE SK NR TALLAHASSEE FLA (LAT 30 19 10 LONG 084 17 55)											
APR , 1976											
15...	29	--	--	--	--	--	282	--	23.0	--	--
SEP											
20...	35	--	--	--	--	--	315	--	25.0	--	--
301925084180800 - MUNSON SLOUGH AT OAK RIDGE RD NR TALLAHASSEE FLA (LAT 30 19 25 LONG 084 18 08)											
APR , 1976											
15...	29	--	--	--	--	--	282	--	23.0	--	--
SEP											
20...	35	--	--	--	--	--	312	--	25.0	--	--
302127084181100 - MUNSON SLOUGH AT CRAWFORDVILLE HWY TALL FLA (LAT 30 21 27 LONG 084 18 11)											
JAN , 1976											
26...	--	--	--	--	--	--	390	7.4	13.5	--	--
APR											
15...	29	--	--	--	--	--	286	--	23.0	--	--
SEP											
20...	36	--	--	--	--	--	306	--	26.0	--	--
302144084184800 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 111 (LAT 30 21 44 LONG 084 18 48)											
SEP , 1976											
14...	27	--	--	--	--	--	289	--	25.0	--	--
302145084185000 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 110 (LAT 30 21 45 LONG 084 18 50)											
SEP , 1976											
14...	27	--	--	--	--	--	285	--	24.5	--	--
302154084180500 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 103 (LAT 30 21 54 LONG 084 18 05)											
SEP , 1976											
14...	29	--	--	--	--	--	283	--	24.0	--	--
302158084180700 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 102 (LAT 30 21 58 LONG 084 18 07)											
SEP , 1976											
14...	30	--	--	--	--	--	286	--	24.0	--	--
302203084180900 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 101 (LAT 30 22 03 LONG 084 18 09)											
SEP , 1976											
14...	30	--	--	--	--	--	283	--	24.0	--	--
302204084181600 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 104 (LAT 30 22 04 LONG 084 18 16)											
SEP , 1976											
14...	30	--	--	--	--	--	282	--	24.0	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
302204084183800 - LAKE MUNSON NEAR TALLAHASSEE.FLASITE 109 (LAT 30 22 04 LONG 084 18 38)											
SEP . 1976 14...	--	--	--	--	--	29	--	--	--	--	--
302207084181400 - LAKE MUNSON NEAR TALLAHASSEE.FLASITE 105 (LAT 30 22 07 LONG 084 18 14)											
SEP . 1976 14...	--	--	--	--	--	25	--	--	--	--	--
302220084184900 - LAKE MUNSON NEAR TALLAHASSEE.FLASITE 112 (LAT 30 22 20 LONG 084 18 49)											
SEP . 1976 14...	--	--	--	--	--	28	--	--	--	--	--
302232084183500 - LAKE MUNSON NEAR TALLAHASSEE.FLASITE 107 (LAT 30 22 32 LONG 084 18 35)											
SEP . 1976 14...	--	--	--	--	--	24	--	--	--	--	--
302315084184800 - MUNSON SLOUGH AT CAPITAL CIRCLE NR TALL FLA (LAT 30 23 15 LONG 084 18 48)											
JAN . 1976 26...	5.6	--	--	--	--	--	--	195	0	160	--
APR 15...	6.1	--	--	--	--	55	--	--	--	--	--
SEP 20...	4.9	--	--	--	--	38	--	--	--	--	--
302414084183000 - MUNSON SLOUGH AT PUMP STA NR TALLAHASSEE FLA (LAT 30 24 14 LONG 084 18 30)											
APR . 1976 15...	8.0	--	--	--	--	54	--	--	--	--	--
SEP 20...	9.4	--	--	--	--	37	--	--	--	--	--
302614083052300 - ALAPAHA RISE SPRING NR ADAMS FLA (LAT 30 26 14 LONG 083 05 23)											
NOV . 1975 25...	508	10	--	33	5.0	4.2	.7	101	0	83	18
303254087133600 - THOMPSON BAYOU NEAR PENSACOLA FLORIDA (LAT 30 32 54 LONG 087 13 36)											
MAR . 1976 11...	--	--	180	--	--	--	--	8	0	7	3.0
303342087140400 - CLEAR CREEK TRIB.NR.PENSACOLA.FL (LAT 30 33 58 LONG 087 14 05)											
DEC . 1975 22...	--	--	--	--	--	--	--	10	0	8	3.6
MAR . 1976 11...	--	--	40	--	--	--	--	1	0	1	2.0
JUN 02...	--	--	--	--	--	4.2	--	0	0	0	3.7
AUG 04...	--	--	--	--	--	5.6	--	3	0	2	3.4

'SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
302204084183800 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 109 (LAT 30 22 04 LONG 084 18 38)											
SEP , 1976 14...	35	--	--	--	--	--	347	--	24.0	--	--
302207084181400 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 105 (LAT 30 22 07 LONG 084 18 14)											
SEP , 1976 14...	30	--	--	--	--	--	290	--	24.0	--	--
302220084184900 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 112 (LAT 30 22 20 LONG 084 18 49)											
SEP , 1976 14...	33	--	--	--	--	--	322	--	24.0	--	--
302232084183500 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 107 (LAT 30 22 32 LONG 084 18 35)											
SEP , 1976 14...	28	--	--	--	--	--	275	--	25.0	--	--
302315084184800 - MUNSON SLOUGH AT CAPITAL CIRCLE NR TALL FLA (LAT 30 23 15 LONG 084 18 48)											
JAN , 1976 26...	--	--	--	--	--	--	550	7.5	17.0	--	--
APR 15...	54	--	--	--	--	--	--	--	22.0	--	--
SEP 20...	51	--	--	--	--	--	490	--	25.5	--	--
302414084183000 - MUNSON SLOUGH AT PUMP STA NR TALLAHASSEE FLA (LAT 30 24 14 LONG 084 18 30)											
APR , 1976 15...	51	--	--	--	--	--	585	--	24.0	--	--
SEP 20...	42	--	--	--	--	--	447	--	24.5	--	--
302614083052300 - ALAPAHA RISE SPRING NR ADAMS FLA (LAT 30 26 14 LONG 083 05 23)											
NOV , 1975 25...	5.3	.2	148	126	100	20	225	7.6	19.0	60	90
303254087133600 - THOMPSON BAYOU NEAR PENSACOLA FLORIDA (LAT 30 32 54 LONG 087 13 36)											
MAR , 1976 11...	5.9	.2	25	--	--	--	38	5.8	19.5	--	--
303342087140400 - CLEAR CREEK TRIB.NR.PENSACOLA,FL (LAT 30 33 58 LONG 087 14 05)											
DEC , 1975 22...	7.7	--	--	--	--	--	37	5.2	9.0	--	--
MAR , 1976 11...	6.9	.1	17	--	--	--	30	5.2	17.0	--	--
JUN 02...	5.9	--	--	--	--	--	32	4.0	22.0	--	--
AUG 04...	6.3	--	--	--	--	--	35	5.4	24.5	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)	DISSOLVED SULFATE (SO4) (MG/L) (00945)
303443083030800 - ALAPAHA RIVER AT MATHIS SINK (LAT 30 34 43 LONG 083 03 08)											
NOV • 1975											
24...	126	7.3	--	2.9	1.4	4.3	1.1	5	0	4	9.0

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

DATE	DIS- SOLVED CHLO- RIDE (CL) (MG/L) (00940)	DIS- SOLVED FLUO- RIDE (F) (MG/L) (00950)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	HARD- NESS (CA,MG) (MG/L) (00900)	NON- CAR- BONATE HARD- NESS (MG/L) (00902)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	DIS- SOLVED STRON- TIUM (SR) (UG/L) (01080)
303443083030800 - ALAPAHA RIVER AT MATHIS SINK (LAT 30 34 43 LONG 083 03 08)											
NOV . 1975											
24...	6.6	.2	56	35	13	9	36	6.7	11.5	120	0

SURFACE WATER QUALITY RECORDS

Nutrients and Related Constituents

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SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
02313448 - LITTLE WACCASASSA RIVER NR BRONSON, FLA. (LAT 29 28 34 LONG 082 41 13)										
SEP . 1976 16...	--	--	--	--	--	--	--	--	.9	35
02313450 - BLUE SPRING NR BRONSON FLA (LAT 29 27 02 LONG 082 41 57)										
SEP . 1976 16...	--	--	--	--	--	--	--	--	.2	.0
02313600 - WEKIVA SPRINGS NR GULF HAMMOCK FLA (LAT 29 16 49 LONG 082 39 23)										
OCT . 1975 08...	--	--	--	--	--	--	--	--	.8	.0
SEP . 1976 01...	--	--	--	--	--	--	--	--	.0	6.0
02313700 - WACCASASSA RIVER NR GULF HAMMOCK, FLA. (LAT 29 12 14 LONG 082 46 09)										
OCT . 1975 08...	5.0	.03	.01	.02	.83	.06	.06	3	.9	12
MAY . 1976 04...	5.4	.02	.01	.02	.25	.06	.04	3	.3	.0
02314200 - TENMILE CREEK AT LEBANON STATION, FLA. (LAT 29 09 39 LONG 082 38 21)										
OCT . 1975 07...	--	--	--	--	--	--	--	--	1.6	25
SEP . 1976 09...	--	--	--	--	--	--	--	--	1.3	40
02314986 - ROCKY CREEK NR BELMONT.FLA. (LAT 30 32 40 LONG 082 44 02)										
DEC . 1975 09...	--	.01	.00	.07	.26	.17	.15	8	2.3	4.0
FEB . 1976 03...	--	.03	.01	.04	1.2	.05	.05	5	1.6	64
APR 06...	4.4	.00	.02	.06	1.8	.08	.08	4	.6	93
MAY 03...	9.1	.00	.03	.06	1.8	.28	.26	15	--	55
JUN 03...	3.6	.02	.03	.05	1.4	.05	.05	5	.9	77
JUL 06...	5.0	.03	.04	.09	1.6	.08	.0[illegible]	4	--	81
AUG 04...	9.1	.00	.03	.04	1.1	.27	.27	1	1.1	51
30...	6.9	--	.03	.05	.90	.20	.20	2	--	46
02315000 - SUWANNEE R NR BENTON FLA (LAT 30 30 30 LONG 082 41 50)										
DEC . 1975 09...	--	.02	.01	.19	.45	.05	.04	8	1.0	29
FEB . 1976 03...	--	.01	.01	.02	.68	.03	.03	8	1.7	33
APR 06...	--	.00	.01	.03	.92	.05	.05	3	.7	30
JUN 01...	--	.00	.02	.08	.68	.02	.02	2	1.3	37
AUG 04...	--	.01	.01	.05	.66	.08	.06	3	.1	34

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

02315005 - HUNTER CREEK NEAR BELMONT FLA (LAT 30 29 20 LONG 082 41 40)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
DEC . 1975										
08...	--	3.6	.18	1.1	.53	1.7	1.6	25	2.4	6.0
FEB . 1976										
03...	--	.35	.05	15	1.0	6.2	6.0	10	4.5	20
APR										
05...	6.6	.45	.03	.08	.59	.85	.79	15	1.6	20
MAY										
03...	2.8	.19	.01	.02	.64	.77	.65	7	--	8.0
21...	13	.35	.07	5.4	2.5	2.8	2.8	10	--	11
JUN										
03...	4.7	.15	.02	.07	1.0	.54	.53	5	1.7	38
JUL										
06...	3.4	.12	.01	.04	1.0	.40	.37	9	--	13
AUG										
04...	15	.21	.03	3.5	1.2	2.6	2.6	10	2.1	14
30...	14	1.7	.05	5.0	1.1	2.4	2.4	8	--	15

02315200 - DEEP CREEK NR SUWANNEE VALLEY FL (LAT 30 21 55 LONG 082 37 13)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
APR . 1976										
06...	3.2	.10	.03	.05	.78	.11	.11	1	--	30
MAY										
04...	2.4	.00	.02	.04	.70	.13	.10	2	--	35
24...	2.7	.00	.02	.07	1.0	.06	.06	2	--	50
JUL										
07...	2.5	.02	.03	.06	.75	.10	.10	2	--	47
AUG										
04...	4.1	.06	.02	.07	.76	.19	.17	2	--	45
31...	5.6	.02	.01	.03	.57	.18	.16	2	--	26

02315392 - ROBINSON CR NR SUWANNEE VALLEY FL (LAT 30 18 56 LONG 082 38 41)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
APR . 1976										
07...	6.0	.09	.01	.04	.68	.16	.14	2	--	26
MAY										
04...	5.9	.05	.01	.03	.59	.25	.17	2	--	23
24...	3.3	.01	.02	.06	1.0	.13	.12	3	--	50
JUN										
03...	2.8	.02	.02	.05	1.0	.10	.09	3	--	49
JUL										
07...	2.2	.03	.02	.06	.91	.09	.09	2	--	49
AUG										
05...	2.4	.06	.02	.10	1.1	.12	.12	1	--	46
31...	6.9	.04	.01	.05	.57	.33	.26	7	--	16

02315500 - SUWANNEE RIVER AT WHITE SPRINGS, FLA. (LAT 30 19 32 LONG 082 44 18)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT . 1975										
01...	3.1	.03	.01	.09	.81	.16	.16	6	.6	36
DEC										
09...	--	.07	.03	.06	.63	.11	.11	5	--	--
FEB . 1976										
02...	--	.02	.01	.04	.71	.09	.09	9	--	--
APR										
06...	1.5	.00	.02	.04	.73	.10	.10	3	.5	29
JUN										
01...	--	.00	.02	.08	.72	.08	.08	3	--	--
AUG										
03...	--	.02	.01	.04	.76	.14	.14	3	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

02315520 - SWIFT CREEK AT FACIL FLA (LAT 30 22 14 LONG 082 48 00)

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
DEC , 1975 08...	--	4.1	.26	11	1.1	36	24	15	>9.0	10
FEB , 1976 02...	--	1.9	.06	6.5	1.9	16	15	35	8.2	26
APR 05...	13	2.0	.10	7.4	1.3	8.6	8.3	--	--	22
MAY 03...	15	.27	.09	6.0	2.3	25	25	10	--	13
21...	17	2.3	.11	9.1	7.9	33	31	10	--	16
24...	11	.89	.11	4.6	2.1	18	17	60	--	23
JUN 01...	--	2.6	.12	4.7	1.7	17	17	10	5.1	39
JUL 06...	14	2.3	.01	3.2	1.1	18	18	10	--	26
AUG 03...	18	1.4	.08	4.5	1.6	22	20	9	4.5	20
30...	18	.01	.00	5.0	1.0	19	19	4	--	29

02315550 - SUWANNEE RIVER AT SUWANNEE SPRINGS FLA (LAT 30 23 34 LONG 082 56 00)

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT , 1975 01...	--	.09	.02	.21	.79	.61	.60	3	.8	36
DEC 08...	--	.33	.01	.08	.82	1.8	1.8	4	1.9	18
FEB , 1976 03...	--	.11	.01	.34	.82	.89	.80	8	2.4	27
APR 07...	--	.17	.02	.26	.79	.56	.52	2	.2	25
JUN 01...	--	.02	.02	.08	.79	.26	.26	3	1.1	37
AUG 03...	--	.27	.02	.24	.73	1.3	1.3	3	.8	26

02319000 - WITHLACOOCHEE RIVER NEAR PINETTA, FLA. (LAT 30 35 43 LONG 083 15 35)

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
DEC , 1975 08...	--	.27	.03	.08	.39	.19	.19	7	1.7	8.0
FEB , 1976 02...	--	.06	.01	.04	.69	.09	.07	15	2.1	18
APR 05...	6.1	.16	.02	.07	.69	.15	.13	10	4.2	9.0
JUN 01...	--	.00	.02	.06	.63	.09	.06	15	1.6	20
AUG 03...	--	.34	.01	.04	.43	.15	.15	7	.6	10

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
02320500 - SUWANNEE RIVER AT BRANFORD, FLA. (LAT 29 57 20 LONG 082 55 40)										
OCT , 1975 08...	7.1	.48	.01	.02	.26	.27	.26	3	1.3	3.0
NOV 12...	7.8	.55	.01	.03	.14	.27	.24	1	.4	11
DEC 11...	8.4	.64	.01	.06	.13	.20	.20	2	.9	.0
JAN , 1976 14...	7.5	.25	.02	.08	.53	.26	.24	9	.6	13
FEB 05...	6.1	.10	.02	.08	.60	.30	.26	10	2.6	20
MAR 09...	6.8	.24	.01	.04	.28	.21	.19	4	1.0	7.0
APR 09...	6.0	.38	.02	.04	.47	.19	.17	7	1.3	13
MAY 05...	8.3	.55	.01	.02	.18	.27	.20	2	.4	--
JUN 02...	4.3	.01	.02	.03	.72	.16	.15	10	1.1	22
JUL 08...	5.6	.19	.01	.04	.62	.13	.12	8	--	19
AUG 06...	7.4	.51	.01	.06	.27	.24	.23	3	--	7.0
SEP 10...	7.1	.50	.02	.03	.31	.24	.24	5	--	14
02320600 - SANTA FE LAKE NR KEYSTONE HTS, FLA. (LAT 29 45 38 LONG 082 04 30)										
OCT , 1975 02...	.2	.00	.00	.01	.62	.02	.01	3	--	8.0
APR , 1976 08...	.6	.03	.00	.02	.51	.04	.02	4	--	7.0
JUL 07...	--	.01	.00	.01	.78	.06	.01	4	--	6.0
02320700 - SANTA FE RIVER NEAR GRAHAM, FLA. (LAT 29 50 46 LONG 082 13 11)										
OCT , 1975 07...	4.0	.07	.02	.02	.87	.06	.06	3	.8	26
APR , 1976 08...	4.3	.02	.01	.02	.42	.10	.09	2	.2	21
02320800 - SAMPSON RIVER AT SAMPSON FLA (LAT 29 55 07 LONG 082 12 39)										
SEP , 1976 09...	.4	.01	.01	--	--	--	.01	--	--	--
02320815 - SAMPSON RIVER AT GRAHAM FLA (LAT 29 51 36 LONG 082 13 47)										
SEP , 1976 09...	2.8	.01	.01	--	--	--	.06	--	--	--
02320951 - HEILBRONN SPRING NEAR LAWTEY FLA (LAT 30 01 24 LONG 082 09 23)										
SEP , 1976 15...	6.2	1.0	.00	--	--	--	.03	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
02321000 - NEW RIVER NR LAKE BUTLER FLA (LAT 29 59 53 LONG 082 16 27)										
OCT , 1975 02...	6.0	.07	.02	.06	1.0	.15	.14	8	1.1	44
DEC 10...	8.6	1.1	.01	.04	.55	.75	.75	5	1.4	10
FEB , 1976 04...	4.9	.07	.02	.04	.74	.16	.16	10	2.2	24
APR 08...	6.6	.84	.01	.04	.52	.78	.72	5	.3	16
JUN 02...	4.1	.10	.02	.03	1.0	.23	.22	10	--	--
AUG 05...	3.6	.06	.02	.07	.90	.19	.17	20	--	22
02321500 - SANTA FE RIVER AT WORTHINGTON SPRINGS, FLA. (LAT 29 55 18 LONG 082 25 35)										
OCT , 1975 07...	4.6	.06	.02	.03	.83	.17	.16	5	1.3	24
APR , 1976 08...	4.6	.43	.01	.03	.43	.47	.43	3	.3	13
02321800 - OLUSTEE CREEK NR PROVIDENCE FLA (LAT 30 00 14 LONG 082 34 20)										
OCT , 1975 02...	5.0	.01	.02	.05	.95	.12	.12	3	.4	44
DEC 10...	5.4	.08	.06	.06	.80	.16	.15	5	1.1	32
FEB , 1976 04...	6.2	.02	.01	.03	.57	.15	.14	6	2.2	26
APR 08...	2.2	.07	.01	.04	.72	.21	.18	2	.3	26
JUN 02...	4.1	.00	.02	.03	1.0	.16	.15	2	--	--
AUG 06...	4.0	.05	.02	.07	1.0	.13	.12	3	--	45
02321998 - SANTA FE RIVER .1 MILE ABOVE US HWY 27 (LAT 29 50 40 LONG 082 37 50)										
SEP , 1976 09...	6.0	.14	.01	--	--	--	.29	--	--	--
02322000 - SANTA FE RIVER NR HIGH SPRINGS (LAT 29 50 33 LONG 082 37 52)										
SEP , 1976 08...	11	.10	.01	--	--	--	.14	--	--	--
02322540 - SANTA FE RIVER AT SR 47 NEAR FORT WHITE FLA (LAT 29 51 54 LONG 082 44 25)										
SEP , 1976 08...	7.4	.41	.00	--	--	--	.07	--	--	--
02322600 - ALLIGATOR LAKE AT LAKE CITY FLA (LAT 30 10 31 LONG 082 37 55)										
OCT , 1975 06...	3.1	.00	.01	.01	3.1	.17	--	15	9.0	14
APR , 1976 07...	.8	.00	.01	.02	3.0	.13	.07	15	--	23

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
02322700 - ICHATUCKNEE SPRINGS NR HILDRETH FLA (LAT 29 57 09 LONG 082 47 10)										
OCT . 1975 03...	9.8	.28	.00	.02	.06	.06	.05	1	1.3	4.0
APR . 1976 09...	10	.35	.00	.02	.00	.08	.05	1	.2	.0
02323490 - COPPER SPRING NR OLD TOWN FLA (LAT 29 36 50 LONG 082 58 26)										
NOV . 1975 11...	4.8	.00	.01	.08	.01	.03	.01	20	--	5.0
02323500 - SUWANNEE RIVER NEAR WILCOX. FLA. (LAT 29 35 22 LONG 082 56 12)										
OCT . 1975 06...	--	.40	.01	.02	.37	.18	.17	4	1.2	8.0
DEC 10...	--	.59	.02	.06	.12	.19	.19	5	.4	.0
FEB . 1976 04...	--	.15	.01	.08	.45	.30	.27	8	2.0	17
APR 09...	--	.36	.01	.03	.37	.16	.14	6	.9	9.0
JUN 02...	--	.03	.02	.02	.72	.19	.18	15	1.1	21
AUG 06...	--	.47	.01	.05	.24	.17	.17	4	--	6.0
02324000 - STEINHATCHEE RIVER NEAR CROSS CITY. FLA. (LAT 29 47 11 LONG 083 19 18)										
NOV . 1975 25...	6.9	.04	.01	.04	.44	.06	.05	3	--	20
FEB . 1976 05...	4.3	.01	.02	.03	.72	.03	.03	3	--	32
APR 01...	4.0	.03	.01	.06	.78	[illegible]	.06	2	--	30
JUN 07...	--	.03	.01	.03	1.0	.06	.05	3	.8	32
AUG 04...	--	.10	.01	.04	.54	.07	.07	4	.7	24
02324500 - FENHOLLOWAY RIVER AT FOLEY. FLA. (LAT 30 03 53 LONG 083 32 01)										
OCT . 1975 03...	17	--	--	.47	4.1	1.4	--	20	1.0	170
DEC 02...	13	.08	.11	1.7	3.3	1.6	1.5	15	--	185
FEB . 1976 03...	9.2	--	--	.71	2.8	.90	--	15	--	74
APR 22...	12	--	--	.45	3.8	1.2	--	15	24	71
JUN 03...	10	.02	.11	1.4	3.1	1.1	1.1	10	--	149
AUG 04...	14	.03	.15	.30	4.9	1.8	1.6	[illegible]	--	158

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
02326000 - ECONFINA RIVER NEAR PERRY, FLA. (LAT 30 10 14 LONG 083 49 26)										
DEC , 1975 02...	5.3	.04	.01	.03	.28	.11	.10	3	--	10
FEB , 1976 02...	3.5	.01	.02	.04	.67	.05	.04	3	--	32
MAR 30...	2.7	.00	.02	.08	1.1	.06	.05	1	--	31
JUN 03...	2.5	.00	.03	.04	1.1	.05	.05	2	--	47
AUG 05...	2.6	.00	.02	.04	.79	.05	.05	4	--	28
02326500 - AUCILLA RIVER AT LAMONT, FLA. (LAT 30 22 11 LONG 083 48 25)										
OCT , 1975 03...	5.9	.01	.01	.03	.83	.04	.03	3	.5	39
APR , 1976 01...	--	.00	.02	.04	.82	.04	.03	1	1.2	26
02326526 - WACISSA RIVER NR WACISSA FLA (LAT 30 18 04 LONG 083 58 47)										
OCT , 1975 07...	12	.09	.01	.02	.08	.05	.05	1	.2	.0
02326997 - RIVER SINK SPRING NR IVAN FLA (LAT 30 16 36 LONG 084 20 28.01)										
OCT , 1975 15...	--	.07	.00	.03	.14	.03	.02	3	--	--
JAN , 1976 22...	--	.10	.02	.02	.09	.02	.02	2	--	--
SEP 15...	--	.05	.01	.02	.40	.02	--	--	--	--
02327000 - WAKULLA SPRING NR CRAWFORDVILLE FLA (LAT 30 14 05 LONG 084 18 05)										
OCT , 1975 16...	--	.23	.00	.02	.02	.40	.05	1	--	--
JAN , 1976 22...	10	.29	.02	.01	.02	.07	.05	2	--	--
APR 22...	11	.26	.00	.01	.01	.04	.03	1	--	1.0
SEP 15...	--	.28	.00	.01	.00	.05	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA. (LAT 30 07 45 LONG 084 29 40)

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT , 1975										
10...	3.4	--	--	--	--	--	--	--	--	--
NOV										
18...	5.6	.01	.02	.06	.57	.04	.04	3	--	33
DEC										
29...	6.3	.00	.02	.03	.42	.04	.03	3	--	--
JAN , 1976										
15...	4.1	.03	.03	.04	.43	.03	.03	4	--	--
FEB										
18...	4.2	.00	.01	.04	.53	.04	.04	3	--	--
MAR										
24...	2.9	.00	.01	.04	.54	.04	.03	3	--	--
APR										
21...	6.0	.00	.01	.02	.36	.06	.05	2	--	--
JUN										
01...	2.8	.00	.02	.04	.44	.02	.02	2	1.0	36
16...	3.6	.00	.02	.04	.54	.06	.04	2	--	--
JUL										
22...	4.1	.01	.03	.07	.58	.03	.03	4	--	--
AUG										
19...	4.3	.00	.02	.04	.63	.04	.04	3	--	--
SEP										
09...	4.0	.01	.01	.04	.63	.03	.02	4	--	--

02329000 - OCHLOCKONEE RIVER NR HAVANA, FLA. (LAT 30 33 14 LONG 084 23 03)

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT , 1975										
13...	8.8	.38	.02	.04	.59	.19	.16	25	.9	6.0
NOV										
04...	10	.44	.02	.11	.22	.20	.19	15	--	--
13...	9.2	.45	.03	.11	.41	.32	.23	20	--	9.0
JAN , 1976										
14...	7.1	.23	.04	.05	.39	.11	.08	25	--	--
FEB										
27...	5.7	.25	.01	.04	.44	[illegible]	.11	15	1.0	10
MAR										
31...	5.7	.22	.03	.09	.77	.13	.11	25	--	--
APR										
30...	9.3	.79	.02	.02	.46	.26	.22	15	--	--
MAY										
21...	4.2	.01	.02	.04	.63	.15	.11	55	1.5	14
JUN										
18...	8.3	.25	.02	.08	.52	.21	.14	15	--	--
JUL										
23...	7.3	.30	.01	.07	.26	.12	.11	20	--	--
AUG										
17...	7.3	.47	.02	.08	.47	.15	.13	25	--	9.0

02329200 - LAKE JACKSON NR TALLAHASSEE, FLA. (LAT 30 31 43 LONG 084 21 30)

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT , 1975										
16...	.0	.00	.00	.01	.53	.02	.00	3	1.8	4.0
MAY , 1976										
03...	.0	.00	.00	.01	.45	.02	.00	3	.9	2.0
AUG										
18...	--	.00	.00	.01	.41	.02	.01	2	.9	5.0

02329352 - ATTAPULGUS CREEK AT JAMISON, FLA. (LAT 30 39 46 LONG 084 27 48)

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
APR , 1976										
20...	--	3.4	.03	.30	.78	.10	.09	35	--	--
JUN										
14...	7.8	--	--	--	--	--	--	--	--	--
SEP										
08...	--	1.9	.03	.07	.50	.09	.08	20	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
02329490 - WILLACOOCHEE CREEK NR QUINCY, FLA. (LAT 30 38 13 LONG 084 30 02)										
APR , 1976 20...	--	.26	.01	.03	.38	.06	.05	25	--	--
JUN 14...	5.5	--	--	--	--	--	--	--	--	--
SEP 08...	--	.26	.01	.02	.29	.07	.06	20	--	--
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY, FLA. (LAT 30 36 00 LONG 084 34 50)										
APR , 1976 23...	--	.37	.01	.07	.49	.17	.13	10	--	--
JUN 15...	5.4	--	--	--	--	--	--	--	--	--
AUG 11...	5.6	.37	.01	--	--	--	--	--	--	--
SEP 08...	--	.35	.01	.04	.34	.06	.04	10	--	--
02329538 - HOLMAN BRANCH NR QUINCY, FLA. (LAT 30 36 34 LONG 084 34 57)										
APR , 1976 21...	--	.34	.01	.02	.27	.10	.08	10	--	--
JUN 15...	7.3	--	--	--	--	--	--	--	--	--
SEP 08...	--	.29	.01	.01	.17	.07	.06	8	--	--
02329542 - QUINCY CREEK AT QUINCY, FLA. (LAT 30 35 32 LONG 084 33 49)										
APR , 1976 21...	--	.39	.01	.06	.42	.07	.04	15	--	--
JUN 15...	5.6	--	--	--	--	--	--	--	--	--
SEP 08...	--	.34	.01	.04	.27	.07	.04	10	--	--
02329548 - TANYARD BRANCH NR QUINCY, FLA. (LAT 30 34 42 LONG 084 33 30)										
APR , 1976 21...	--	.86	.02	.08	.34	.21	.15	10	--	--
JUN 15...	6.9	--	--	--	--	--	--	--	--	--
SEP 08...	--	.74	.02	.04	.26	.11	.08	20	--	--
02329553 - HUBBERT BRANCH NR QUINCY, FLA. (LAT 30 35 39 LONG 084 32 48)										
APR , 1976 21...	--	.29	.01	.04	.36	.09	.07	20	--	--
JUN 14...	6.7	--	--	--	--	--	--	--	--	--
SEP 08...	--	.28	.01	.02	.19	.08	.07	15	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

DATE	DIS-SOLVED SILICA (SIO_2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
02329565 - LITTLE RIVER NR LITTMAN, FLA. (LAT 30 33 12 LONG 084 30 54)										
APR , 1976										
23...	--	1.9	.03	.10	.60	.14	.14	30	--	--
JUN										
16...	7.3	--	--	--	--	--	--	--	--	--
SEP										
09...	--	.08	.02	.02	.33	.12	.11	25	--	--
02329582 - HURRICANE CREEK NR HAVANA, FLA. (LAT 30 34 57 LONG 084 28 44)										
APR , 1976										
20...	--	.12	.01	.08	.51	.05	.03	8	--	--
JUN										
14...	4.2	--	--	--	--	--	--	--	--	--
SEP										
08...	--	.27	.01	.04	.39	.25	.20	10	--	--
02329600 - LITTLE RIVER NR MIDWAY, FLA. (LAT 30 30 44 LONG 084 31 25)										
APR , 1976										
23...	--	1.6	.02	.04	.44	.11	.09	25	--	--
JUN										
16...	7.4	--	--	--	--	--	--	--	--	--
SEP										
08...	--	1.0	.02	.03	.25	.12	.10	25	--	--
02329877 - OCKLAWAHA CREEK NR WETUMPKA, FLA. (LAT 30 27 00 LONG 084 38 36)										
APR , 1976										
23...	--	.01	.00	.02	.24	.01	.00	3	--	--
JUN										
16...	3.2	--	--	--	--	--	--	--	--	--
SEP										
09...	--	.01	.01	.01	.24	.01	.01	3	--	--
02330050 - TELOGIA CREEK NR GREENSBORO, FLA. (LAT 30 33 34 LONG 084 43 36)										
APR , 1976										
22...	--	.11	.01	.10	.50	.09	.05	5	--	--
JUN										
16...	3.6	--	--	--	--	--	--	--	--	--
SEP										
09...	--	.10	.01	.06	.50	.12	.10	6	--	--
02330100 - TELOGIA CREEK NR BRISTOL, FLA. (LAT 30 25 35 LONG 084 55 40)										
APR , 1976										
22...	--	.17	.01	.04	.36	.05	.03	8	--	--
JUN										
16...	3.8	--	--	--	--	--	--	--	--	--
SEP										
09...	--	.09	.01	.02	.36	.05	.04	5	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

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02358000 - APALACHICOLA RIVER AT CHATTAHOOCHEE FLA (LAT 30 42 03 LONG 084 51 33)										
OCT , 1975 08...	7.7	.24	.01	.03	.28	.04	.02	15	--	--
NOV 03...	8.5	.20	.02	.08	.18	.02	.02	15	--	--
19...	7.7	.18	.02	.04	.29	.05	.02	15	.0	5.0
JAN , 1976 29...	8.0	.37	.02	.03	.18	.06	.02	25	--	--
MAR 09...	6.3	.19	.01	.02	.32	.04	.01	10	2.3	2.0
APR 02...	7.5	.32	.02	.03	.40	.04	.02	15	--	--
23...	6.6	.22	.01	.03	.37	.02	.02	20	1.3	--
MAY 31...	6.0	.21	.01	.01	.21	.04	.02	20	1.8	4.0
JUN 25...	6.3	.18	.01	.02	.34	.05	.01	10	--	--
JUL 27...	7.6	.12	.02	.05	.27	.04	.02	10	--	--
AUG 26...	7.9	.02	.01	.05	.38	.03	.01	10	--	3.0
02358600 - FLAT CREEK NR CHATTAHOOCHEE FLA (LAT 30 37 43 LONG 084 50 06)										
APR , 1976 22...	--	.60	.01	.04	.38	.12	.09	25	--	--
JUN 16...	6.5	--	--	--	--	--	--	--	--	--
SEP 09...	--	.67	.01	.01	.28	.13	.10	25	--	--
02359000 - CHIPOLA RIVER NR ALTHA, FLA. (LAT 30 32 02 LONG 085 09 55)										
OCT , 1975 10...	6.1	.30	.01	.02	.34	.02	.01	7	.5	.0
NOV 10...	6.6	.57	.01	.03	.17	.03	.01	8	1.0	4.0
DEC 15...	6.3	.68	.01	.06	.12	.02	.02	8	--	--
JAN , 1976 20...	5.5	.57	.02	.03	.00	.03	.02	8	--	--
FEB 24...	4.6	.53	.01	.03	.24	.03	.01	9	1.5	4.0
MAR 26...	5.2	.69	.01	.04	.13	.02	.01	8	--	--
APR 20...	6.2	.74	.01	.03	.21	.08	.02	8	--	--
MAY 26...	5.4	.50	.01	.02	.31	.03	.02	15	.5	2.0
JUN 17...	5.9	.67	.01	.03	.08	.06	.02	5	--	--
JUL 26...	6.5	.78	.01	.02	.11	.03	.02	3	--	--
AUG 24...	6.3	.59	.01	.02	.16	.03	.01	3	--	3.0
02359660 - DEER POINT LAKE NEAR PANAMA CITY FLA (LAT 30 17 45 LONG 085 34 55)										
OCT , 1975 15...	3.8	.03	.01	.02	.36	.02	.01	6	2.6	10
MAY , 1976 04...	2.8	.01	.00	.02	.09	.01	.01	1	.5	.0
SEP 15...	--	.00	.01	.01	.26	.02	.01	2	.7	7.0

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

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02365500 - CHOCTAWHATCHEE RIVER AT CARYVILLE, FLA. (LAT 30 46 32 LONG 085 49 40)										
OCT , 1975 14...	--	.10	.01	.03	.43	.04	.02	20	.6	8.0
APR , 1976 27...	--	.33	.02	.03	.44	.04	.03	50	.5	2.0
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)										
OCT , 1975 07...	6.3	.04	.01	.01	.27	.02	.01	9	--	--
NOV 12...	6.5	.14	.01	.08	.20	.04	.02	15	--	8.0
DEC 17...	5.7	.18	.03	.03	.13	.04	.02	15	--	--
JAN , 1976 22...	3.9	.18	.02	.01	.28	.03	.02	15	--	--
FEB 26...	2.8	.16	.02	.02	.25	.04	.03	25	--	7.0
MAR 30...	4.3	.18	.02	.04	.28	.03	.02	15	--	--
APR 29...	5.7	.30	.01	.01	.28	.05	.02	25	--	--
MAY 20...	4.2	.11	.03	.04	.28	.07	.07	65	.7	6.0
JUN 24...	6.4	.23	.01	.03	.24	.04	.02	20	--	--
JUL 29...	6.1	.28	.02	.03	.15	.05	.03	25	--	--
AUG 26...	7.0	.31	.01	.03	.14	.03	.01	15	--	4.0
02366900 - MAGNOLIA CREEK NR FREEPORT, FLA. (LAT 30 31 48 LONG 086 05 15)										
NOV , 1975 17...	3.3	3.8	.01	.06	.24	.01	.00	2	--	--
JUN , 1976 08...	3.3	3.6	.01	.02	.38	.02	.00	4	--	--
02366911 - LAFAYETTE CREEK AT FREEPORT, FLA. (LAT 30 29 35 LONG 086 07 33)										
JUN , 1976 08...	3.3	3.0	.01	.01	.36	.02	.00	4	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

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02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)										
OCT • 1975										
02...	5.5	.04	.01	.02	.34	.04	.02	15	--	--
15...	6.0	.11	.01	.02	.35	.03	.02	15	.8	7.0
NOV										
11...	6.0	.08	.01	.04	.29	.05	.02	20	2.4	8.0
DEC										
16...	5.9	.20	.01	.04	.30	.03	.02	15	--	--
JAN • 1976										
21...	5.6	.15	.02	.06	.23	.05	.02	10	--	--
FEB										
25...	3.7	.07	.02	.03	.41	.05	.03	35	.4	9.0
MAR										
30...	3.9	.06	.03	.04	.43	.05	.05	40	--	--
APR										
28...	5.3	.18	.01	.02	.35	.04	.02	25	--	--
MAY										
18...	3.5	.02	.02	.03	.42	.07	.07	45	.1	10
JUN										
23...	5.8	.15	.01	.02	.25	.05	.03	25	--	--
JUL										
28...	5.9	.15	.01	.03	.21	.03	.02	15	--	--
AUG										
25...	5.9	.08	.05	.03	.13	.03	.01	10	--	3.0
02370000 - BLACKWATER RIVER NR BAKER, FLA. (LAT 30 50 00 LONG 086 44 05)										
APR • 1976										
27...	--	.07	.00	.02	.21	.02	.02	8	.5	3.0
02375500 - ESCAMBIA RIVER NEAR CENTURY, FLA. (LAT 30 57 25 LONG 087 14 00)										
OCT • 1975										
01...	5.7	.03	.02	.03	.42	.06	.05	40	--	--
14...	8.1	.11	.01	.02	.43	.04	.02	20	1.1	7.0
NOV										
11...	7.4	.08	.01	.03	.32	.05	.02	20	2.4	10
DEC										
16...	8.4	.22	.01	.03	.22	.02	.01	15	--	--
JAN • 1976										
21...	7.7	.21	.02	.04	.10	.03	.02	15	--	--
FEB										
25...	6.4	.12	.01	.03	.39	.06	.02	40	1.4	9.0
MAR										
29...	5.5	.07	.04	.04	.47	.06	.06	70	--	--
APR										
28...	7.5	.18	.01	.02	.30	.03	.01	20	--	--
MAY										
19...	5.5	.06	.03	.04	.40	.06	.06	50	1.0	7.0
JUN										
23...	7.7	.17	.01	.02	.26	.08	.03	25	--	--
JUL										
28...	7.2	.15	.02	.02	.20	.03	.03	10	--	--
AUG										
25...	7.2	.12	.01	.03	.24	.04	.02	25	--	6.0
02376033 - ESCAMBIA RIVER NR MOLINO, FLA. (LAT 30 40 05 LONG 087 16 00)										
OCT • 1975										
15...	--	.11	.01	.02	.31	.04	.02	20	.5	6.0
MAY • 1976										
19...	--	.07	.02	.04	.33	.05	.05	40	.8	9.0

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

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02376070 - ESCAMBIA RIVER AT US HWY 90 NR.PENSACOLA (LAT 30 32 56 LONG 087 11 44.01)										
MAY , 1976 19...	4.5	.09	.01	.03	.27	.05	.05	35	.9	7.0
02376108 - ELEVENMILE CREEK NR ENSLEY, FLA. (LAT 30 32 52 LONG 087 19 49)										
APR , 1976 28...	12	.53	.35	1.5	2.8	1.3	1.3	40	7.2	74
02376500 - PERDIDO RIVER AT BARRINEAU PARK, FLA. (LAT 30 41 25 LONG 087 26 25)										
OCT , 1975 15...	7.7	--	--	--	--	--	--	--	--	--
NOV 19...	8.4	--	--	--	--	--	--	--	--	--
JAN , 1976 07...	6.7	--	--	--	--	--	--	--	--	--
FEB 23...	5.3	--	--	--	--	--	--	--	--	--
MAR 31...	6.3	--	--	--	--	--	--	--	--	--
MAY 12...	4.3	--	--	--	--	--	--	--	--	--
JUN 21...	6.3	--	--	--	--	--	--	--	--	--
290146082353600 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I4 (LAT 29 01 46 LONG 082 35 36)										
OCT , 1975 22...	--	.09	.01	.02	.63	.03	.02	3	1.2	8.0
NOV 12...	--	.12	.01	.03	.45	.05	.02	2	1.3	14
DEC 10...	--	.19	.01	.04	.32	.04	.03	2	.3	8.0
JAN , 1976 28...	--	.13	.01	.04	.24	.04	.03	2	1.2	4.0
MAR 24...	--	.01	.00	.01	.50	.04	.01	2	.9	8.0
MAY 21...	--	.00	.00	.01	.62	.03	.01	1	.8	5.0
JUL 26...	--	.04	.01	.01	.43	.03	.02	2	.7	7.0
SEP 21...	--	.08	.01	.01	.44	.04	.04	2	.6	17
290230082301500 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I3 (LAT 29 02 30 LONG 082 30 15)										
OCT , 1975 22...	--	.11	.01	.02	.57	.04	.02	3	.9	6.0
NOV 18...	--	.19	.01	.04	.39	.03	.03	1	1.2	9.0
DEC 10...	--	.24	.01	.04	.26	.04	.03	1	.5	7.0
JAN , 1976 28...	--	.18	.01	.04	.17	.04	.03	1	.4	6.0
MAR 24...	--	.12	.00	.01	.23	.04	.02	1	.2	4.0
MAY 20...	--	.05	.00	.02	.19	.03	.03	1	.6	4.0
JUL 26...	--	.10	.01	.01	.45	.05	.03	2	1.0	7.0
SEP 21...	--	.13	.01	.00	.30	.05	.05	1	.6	23

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
294802082221800 - ROCKY CREEK 3 MILES SW OF SUNSHINE LAKE FLA (LAT 29 48 02 LONG 082 22 18)										
SEP , 1976										
09...	5.6	.00	.02	--	--	--	.06	--	--	--
294911085180400 - PORT ST JOE CHIPOLA R DISTRIB CA AT WATER PLANT (LAT 29 49 11 LONG 085 18 04)										
AUG , 1976										
19...	5.2	.35	.00	--	--	--	--	--	--	--
294947082200300 - RHUDA BRANCH AT CO RD SOUTH OF SUNSHINE LAKE FLA (LAT 29 49 47 LONG 082 20 03)										
SEP , 1976										
09...	7.0	.01	.01	--	--	--	.30	--	--	--
294959082404900 - RUM ISLAND SPRING NEAR HIGH SPRINGS FLA (LAT 29 49 59 LONG 082 40 49)										
SEP , 1976										
16...	5.0	.53	.00	--	--	--	.05	--	--	--
295042083332901 - BLUE SPRING NR KEATON BEACH FLORIDA (LAT 29 50 42 LONG 083 33 29.01)										
DEC , 1975										
04...	3.6	--	--	--	--	--	--	--	--	--
295059082353600 - HORNESBY SPRING NR HIGH SPRINGS FLA (LAT 29 50 59 LONG 082 35 36)										
SEP , 1976										
08...	13	.27	.01	--	--	--	.14	--	--	--
295359082453100 - WILSON SPRING NEAR FORT WHITE FLA (LAT 29 53 59 LONG 082 45 31)										
SEP , 1976										
16...	20	.02	.01	--	--	--	.11	--	--	--
295453082502400 - BETTY SPRING NEAR HILDRETH FLA (LAT 29 54 53 LONG 082 50 24)										
SEP , 1976										
16...	11	2.6	.01	--	--	--	.05	--	--	--
295517082101800 - LAKE ROWELL OUTLET NR STARKE FLA (LAT 29 55 17 LONG 082 10 18)										
SEP , 1976										
09...	.4	.00	.01	--	--	--	.05	--	--	--
300228083013200 - MEARSON SPRING NEAR MAYO FLORIDA (LAT 30 02 28 LONG 083 01 32)										
DEC , 1975										
03...	5.8	--	--	--	--	--	--	--	--	--
300329083351501 - CARLTON SPRING NEAR PERRY, FLORIDA (LAT 30 03 29 LONG 083 35 15.01)										
DEC , 1975										
05...	4.0	--	--	--	--	--	--	--	--	--

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
301215085370500 - BAY CO WATER SYSTEM DEER POINT LAKE AT WAT PLANT (LAT 30 12 15 LONG 085 37 05)										
AUG , 1976 20...	2.9	.01	.00	--	--	--	--	--	--	--
301910084175500 - MUNSON SLOUGH AT EIGHTMILE SK NR TALLAHASSEE FLA (LAT 30 19 10 LONG 084 17 55)										
APR , 1976 15...	--	.24	.11	.38	3.1	1.0	--	--	--	--
SEP 20...	--	.55	.36	.38	1.8	.96	.75	9	--	--
301925084180800 - MUNSON SLOUGH AT OAK RIDGE RD NR TALLAHASSEE FLA (LAT 30 19 25 LONG 084 18 08)										
APR , 1976 15...	--	.19	.09	.32	3.2	.92	--	--	--	--
SEP 20...	--	.48	.32	.42	2.0	.96	.73	15	--	--
302127084181100 - MUNSON SLOUGH AT CRAWFORDVILLE HWY TALL FLA (LAT 30 21 27 LONG 084 18 11)										
JAN , 1976 26...	--	2.0	.30	7.0	1.1	4.1	3.5	8	--	--
APR 15...	--	.09	.04	.10	4.0	1.0	--	--	--	--
SEP 20...	--	.81	.15	.18	2.4	.56	.37	15	--	--
302144084184800 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 111 (LAT 30 21 44 LONG 084 18 48)										
SEP , 1976 14...	--	.04	.01	2.3	2.8	1.7	1.5	15	--	17
302145084185000 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 110 (LAT 30 21 45 LONG 084 18 50)										
SEP , 1976 14...	--	.08	.02	1.7	2.5	1.5	1.3	10	--	15
302154084180500 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 103 (LAT 30 21 54 LONG 084 18 05)										
SEP , 1976 14...	--	.14	.07	.01	3.9	1.2	.53	30	--	26
302158084180700 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 102 (LAT 30 21 58 LONG 084 18 07)										
SEP , 1976 14...	--	.20	.09	.01	3.8	1.1	.50	30	--	23
302203084180900 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 101 (LAT 30 22 03 LONG 084 18 09)										
SEP , 1976 14...	--	.22	.10	.01	4.2	1.2	.46	35	--	29
302204084181600 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 104 (LAT 30 22 04 LONG 084 18 16)										
SEP , 1976 14...	--	.20	.09	.01	3.9	1.2	.54	25	--	25

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
302204084183800 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 109 (LAT 30 22 04 LONG 084 18 38)										
SEP , 1976 14...	--	1.5	.04	.20	4.0	2.1	1.7	35	--	27
302207084181400 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 105 (LAT 30 22 07 LONG 084 18 14)										
SEP , 1976 14...	--	.23	.10	.01	4.3	1.2	.54	30	--	25
302220084184900 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 112 (LAT 30 22 20 LONG 084 18 49)										
SEP , 1976 14...	--	1.4	.03	.01	4.0	1.7	1.4	40	--	22
302232084183500 - LAKE MUNSON NEAR TALLAHASSEE,FLASITE 107 (LAT 30 22 32 LONG 084 18 35)										
SEP , 1976 14...	--	.04	.01	.01	3.9	1.1	.61	25	--	27
302315084184800 - MUNSON SLOUGH AT CAPITAL CIRCLE NR TALL FLA (LAT 30 23 15 LONG 084 18 48)										
JAN , 1976 26...	--	.01	.40	17	2.8	4.6	3.7	10	8.6	--
APR 15...	--	1.2	1.3	13	.87	3.5	--	--	--	--
SEP 20...	--	8.4	2.6	2.5	1.0	4.8	3.5	8	--	--
302414084183000 - MUNSON SLOUGH AT PUMP STA NR TALLAHASSEE FLA (LAT 30 24 14 LONG 084 18 30)										
APR , 1976 15...	--	1.1	1.4	10	1.9	3.6	3.6	--	--	--
SEP 20...	--	5.4	2.2	.52	1.2	4.4	3.0	8	--	--
302614083052300 - ALAPAHA RISE SPRING NR ADAMS FLA (LAT 30 26 14 LONG 083 05 23)										
NOV , 1975 25...	10	--	--	--	--	--	--	--	--	--
303254087133600 - THOMPSON BAYOU NEAR PENSACOLA FLORIDA (LAT 30 32 54 LONG 087 13 36)										
MAR , 1976 11...	--	.17	.00	--	--	--	--	--	.8	1.0
303342087140400 - CLEAR CREEK TRIB.NR.PENSACOLA,FL (LAT 30 33 58 LONG 087 14 05)										
DEC , 1975 22...	--	.23	.02	.02	.14	.01	.00	2	--	2.0
MAR , 1976 11...	--	.09	.00	--	--	--	--	--	1.8	2.0
JUN 02...	--	.08	.00	.01	.09	.01	.00	--	.5	5.0
AUG 04...	--	.11	.01	.04	.16	.01	--	--	.2	4.0

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
303443083030800 - ALAPAHA RIVER AT MATHIS SINK (LAT 30 34 43 LONG 083 03 08)										
NOV • 1975										
24...	7.3	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS

Trace Metals

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SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL ALUM-INUM (AL) (UG/L) (01105)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	TOTAL IRON (FE) (UG/L) (01045)	DIS-SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN-GANESE (MN) (UG/L) (01055)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	TOTAL ARSENIC (AS) (UG/L) (01002)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	TOTAL CAD-MIUM (CD) (UG/L) (01027)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L) (01032)
02313700 - WACCASASSA RIVER NR GULF HAMMOCK, FLA. (LAT 29 12 14 LONG 082 46 09)												
OCT • 1975 08...	110	--	1400	750	30	20	--	--	0	--	--	--
MAY • 1976 04...	70	--	240	40	10	0	0	--	0	--	--	--
02314986 - ROCKY CREEK NR BELMONT,FLA. (LAT 30 32 40 LONG 082 44 02)												
APR • 1976 06...	--	580	--	700	--	20	--	0	--	1	--	0
AUG 04...	--	380	--	870	--	30	--	1	--	0	--	0
02315005 - HUNTER CREEK NEAR BELMONT FLA (LAT 30 29 20 LONG 082 41 40)												
APR • 1976 05...	--	180	--	560	--	20	--	1	--	0	--	0
MAY 21...	--	20	--	30	--	30	--	1	--	0	--	0
AUG 04...	--	50	--	70	--	40	--	2	--	0	--	0
02315200 - DEEP CREEK NR SUWANNEE VALLEY FL (LAT 30 21 55 LONG 082 37 13)												
APR • 1976 06...	--	180	--	490	--	10	--	1	--	0	--	0
MAY 24...	--	360	--	760	--	30	--	0	--	0	--	0
AUG 04...	--	290	--	810	--	20	--	1	--	0	--	0
02315392 - ROBINSON CR NR SUWANNEE VALLEY FL (LAT 30 18 56 LONG 082 38 41)												
APR • 1976 07...	--	130	--	410	--	0	--	0	--	0	--	0
MAY 24...	--	420	--	690	--	40	--	0	--	0	--	0
AUG 05...	--	310	--	820	--	20	--	0	--	0	--	0
02315500 - SUWANNEE RIVER AT WHITE SPRINGS, FLA. (LAT 30 19 32 LONG 082 44 18)												
OCT • 1975 01...	300	--	560	570	10	7	0	--	1	--	--	--
APR • 1976 06...	300	--	410	370	10	0	0	--	0	--	--	--
02315520 - SWIFT CREEK AT FACIL FLA (LAT 30 22 14 LONG 082 48 00)												
APR • 1976 05...	530	70	620	--	40	--	2	1	1	0	--	0
MAY 21...	--	70	--	90	--	10	--	3	--	0	--	0
24...	--	360	--	210	--	60	--	2	--	1	--	0
AUG 03...	--	120	--	220	--	70	--	3	--	0	--	0

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL COBALT (CO) (UG/L) (01037)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	TOTAL COPPER (CU) (UG/L) (01042)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	TOTAL LEAD (PB) (UG/L) (01051)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL NICKEL (NI) (UG/L) (01067)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
02313700 - WACCASASSA RIVER NR GULF HAMMOCK, FLA. (LAT 29 12 14 LONG 082 46 09)												
OCT , 1975												
08...	--	--	--	12	0	0	--	0	--	--	--	0
MAY , 1976												
04...	--	--	--	0	8	3	.1	0	--	--	--	40
02314986 - ROCKY CREEK NR BELMONT,FLA. (LAT 30 32 40 LONG 082 44 02)												
APR , 1976												
06...	--	0	--	3	--	10	--	--	--	--	--	40
AUG												
04...	--	0	--	0	--	6	--	--	--	--	--	20
02315005 - HUNTER CREEK NEAR BELMONT FLA (LAT 30 29 20 LONG 082 41 40)												
APR , 1976												
05...	--	0	--	3	--	0	--	--	--	--	--	10
MAY												
21...	--	0	--	0	--	10	--	--	--	--	--	10
AUG												
04...	--	0	--	0	--	5	--	--	--	--	--	10
02315200 - DEEP CREEK NR SUWANNEE VALLEY FL (LAT 30 21 55 LONG 082 37 13)												
APR , 1976												
06...	--	0	--	1	--	8	--	--	--	--	--	0
MAY												
24...	--	0	--	6	--	8	--	--	--	--	--	20
AUG												
04...	--	0	--	0	--	4	--	--	--	--	--	0
02315392 - ROBINSON CR NR SUWANNEE VALLEY FL (LAT 30 18 56 LONG 082 38 41)												
APR , 1976												
07...	--	0	--	0	--	5	--	--	--	--	--	10
MAY												
24...	--	0	--	5	--	16	--	--	--	--	--	10
AUG												
05...	--	0	--	0	--	3	--	--	--	--	--	0
02315500 - SUWANNEE RIVER AT WHITE SPRINGS, FLA. (LAT 30 19 32 LONG 082 44 18)												
OCT , 1975												
01...	--	--	--	3	5	1	.1	2	--	--	--	30
APR , 1976												
06...	--	--	--	2	16	15	.7	6	--	--	--	30
02315520 - SWIFT CREEK AT FACIL FLA (LAT 30 22 14 LONG 082 48 00)												
APR , 1976												
05...	--	0	--	--	0	--	.0	8	--	--	--	--
MAY												
21...	--	2	--	0	--	0	--	--	--	--	--	0
24...	--	0	--	10	--	0	--	--	--	--	--	0
AUG												
03...	--	0	--	2	--	3	--	--	--	--	--	10

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL ALUMINUM (AL) (UG/L) (01105)	DISSOLVED ALUMINUM (AL) (UG/L) (01106)	TOTAL IRON (FE) (UG/L) (01045)	DISSOLVED IRON (FE) (UG/L) (01046)	TOTAL MANGANESE (MN) (UG/L) (01055)	DISSOLVED MANGANESE (MN) (UG/L) (01056)	TOTAL ARSENIC (AS) (UG/L) (01002)	DISSOLVED ARSENIC (AS) (UG/L) (01000)	TOTAL CADMIUM (CD) (UG/L) (01027)	DISSOLVED CADMIUM (CD) (UG/L) (01025)	TOTAL CHROMIUM (CR) (UG/L) (01034)	HEXAVALENT CHROMIUM (CR6) (UG/L) (01032)
02315550 - SUWANNEE RIVER AT SUWANNEE SPRINGS FLA (LAT 30 23 34 LONG 082 56 00)												
OCT , 1975 01...	280	--	540	500	10	7	0	--	0	--	--	--
02319000 - WITHLACOOCHEE RIVER NEAR PINETTA, FLA. (LAT 30 35 43 LONG 083 15 35)												
APR , 1976 05...	440	--	1300	550	40	10	2	--	0	--	--	--
02320500 - SUWANNEE RIVER AT BRANFORD, FLA. (LAT 29 57 20 LONG 082 55 40)												
OCT , 1975 08...	--	--	260	170	30	2	0	0	0	0	<10	--
JAN , 1976 14...	--	--	470	270	10	0	1	0	1	1	<10	--
APR 09...	--	--	690	300	10	10	1	0	0	0	20	--
JUL 08...	--	--	790	380	30	10	1	1	0	0	20	--
02320700 - SANTA FE RIVER NEAR GRAHAM, FLA. (LAT 29 50 46 LONG 082 13 11)												
OCT , 1975 07...	330	--	710	670	30	10	1	--	0	--	--	--
APR , 1976 08...	80	--	230	160	10	10	0	--	0	--	--	--
02321000 - NEW RIVER NR LAKE BUTLER FLA (LAT 29 59 53 LONG 082 16 27)												
OCT , 1975 02...	470	--	1100	740	20	20	1	--	0	--	--	--
DEC 10...	--	--	--	240	--	--	--	--	--	--	--	--
APR , 1976 08...	1000	--	1100	240	80	20	1	--	1	--	--	--
02321500 - SANTA FE RIVER AT WORTHINGTON SPRINGS, FLA. (LAT 29 55 18 LONG 082 25 35)												
OCT , 1975 07...	400	--	780	570	50	20	1	--	0	--	--	--
APR , 1976 08...	130	--	330	210	10	10	0	--	1	--	--	--
02321800 - OLUSTEE CREEK NR PROVIDENCE FLA (LAT 30 00 14 LONG 082 34 20)												
OCT , 1975 02...	260	--	880	780	20	8	0	--	0	--	--	--
DEC 10...	--	--	--	460	--	--	--	--	--	--	--	--
APR , 1976 08...	250	--	510	350	10	10	0	--	0	--	--	--
02322700 - ICHATUCKNEE SPRINGS NR HILDRETH FLA (LAT 29 57 09 LONG 082 47 10)												
OCT , 1975 03...	160	--	1500	30	120	0	1	--	1	--	--	--
APR , 1976 09...	20	--	120	20	0	0	1	--	0	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL COBALT (CO) (UG/L) (01037)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	TOTAL COPPER (CU) (UG/L) (01042)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	TOTAL LEAD (PB) (UG/L) (01051)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL NICKEL (NI) (UG/L) (01067)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
02315550 - SUWANNEE RIVER AT SUWANNEE SPRINGS FLA (LAT 30 23 34 LONG 082 56 00)												
OCT . 1975 01...	--	--	--	2	9	6	.1	2	--	--	--	20
02319000 - WITHLACOOCHEE RIVER NEAR PINETTA. FLA. (LAT 30 35 43 LONG 083 15 35)												
APR . 1976 05...	--	--	--	3	8	18	.0	3	--	--	--	10
02320500 - SUWANNEE RIVER AT HRANFORD. FLA. (LAT 29 57 20 LONG 082 55 40)												
OCT . 1975 08...	0	0	0	0	12	4	.3	--	0	0	40	0
JAN . 1976 14...	0	0	2	2	12	6	.5	--	0	0	10	20
APR 09...	0	0	2	2	8	8	.0	--	0	0	30	10
JUL 08...	0	0	12	8	30	13	.1	--	0	4	40	0
02320700 - SANTA FE RIVER NEAR GRAHAM. FLA. (LAT 29 50 46 LONG 082 13 11)												
OCT . 1975 07...	--	--	--	2	9	8	.3	0	--	--	--	30
APR . 1976 08...	--	--	--	2	--	--	.0	2	--	--	--	10
02321000 - NEW RIVER NR LAKE BUTLER FLA (LAT 29 59 53 LONG 082 16 27)												
OCT . 1975 02...	--	--	--	4	10	6	.0	7	--	--	--	40
DEC 10...	--	--	--	--	--	--	--	--	--	--	--	--
APR . 1976 08...	--	--	--	1	0	35	.0	3	--	--	--	10
02321500 - SANTA FE RIVER AT WORTHINGTON SPRINGS. FLA. (LAT 29 55 18 LONG 082 25 35)												
OCT . 1975 07...	--	--	--	2	9	0	.4	0	--	--	--	20
APR . 1976 08...	--	--	--	0	65	12	.0	0	--	--	--	0
02321800 - OLUSTEE CREEK NR PROVIDENCE FLA (LAT 30 00 14 LONG 082 34 20)												
OCT . 1975 02...	--	--	--	1	9	9	.1	1	--	--	--	30
DEC 10...	--	--	--	--	--	--	--	--	--	--	--	--
APR . 1976 08...	--	--	--	2	12	8	.0	4	--	--	--	20
02322700 - ICHATUCKNFE SPRINGS NR HILDRETH FLA (LAT 29 57 09 LONG 082 47 10)												
OCT . 1975 03...	--	--	--	2	7	6	.0	8	--	--	--	1
APR . 1976 09...	--	--	--	0	13	2	.0	2	--	--	--	10

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL ALUM-INUM (AL) (UG/L) (01105)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	TOTAL IRON (FE) (UG/L) (01045)	DIS-SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN-GANESE (MN) (UG/L) (01055)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	TOTAL ARSENIC (AS) (UG/L) (01002)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	TOTAL CAD-MIUM (CD) (UG/L) (01027)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L) (01032)
02323490 - COPPER SPRING NR OLD TOWN FLA (LAT 29 36 50 LONG 082 58 26)												
NOV . 1975 11...	--	--	--	1100	--	--	--	--	--	--	--	--
02323500 - SUWANNEE RIVER NEAR WILCOX. FLA. (LAT 29 35 22 LONG 082 56 12)												
OCT . 1975 06...	130	--	330	230	30	0	1	--	0	--	--	--
02324500 - FENHOLLOWAY RIVER AT FOLEY. FLA. (LAT 30 03 53 LONG 083 32 01)												
OCT . 1975 03...	40	--	1000	880	150	100	2	--	1	--	--	--
APR . 1976 22...	300	--	970	650	200	160	1	--	1	--	--	--
02326500 - AUCILLA RIVER AT LAMONT. FLA. (LAT 30 22 11 LONG 083 48 25)												
OCT . 1975 03...	100	--	940	630	30	10	0	--	0	--	--	--
02326526 - WACISSA RIVER NR WACISSA FLA (LAT 30 18 04 LONG 083 58 47)												
OCT . 1975 07...	0	--	30	0	10	10	0	--	0	--	--	--
02327000 - WAKULLA SPRING NR CRAWFORDVILLE FLA (LAT 30 14 05 LONG 084 18 05)												
JAN . 1976 22...	--	--	0	--	0	--	1	--	1	--	--	--
APR 22...	50	--	70	0	10	0	1	--	0	--	--	--
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY. FLA. (LAT 30 07 45 LONG 084 29 40)												
NOV . 1975 18...	--	--	--	320	--	--	--	--	--	--	--	--
JUN . 1976 01...	--	--	740	--	10	--	--	--	0	--	<10	--
02329000 - OCHLOCKONEE RIVER NR HAVANA. FLA. (LAT 30 33 14 LONG 084 23 03)												
NOV . 1975 13...	--	--	2000	600	50	50	1	1	2	2	<10	--
FEB . 1976 27...	--	--	1600	770	30	10	1	1	1	1	20	--
MAY 21...	--	--	1800	700	50	0	1	0	1	1	<10	--
AUG 17...	--	--	1800	350	80	20	2	0	1	0	20	--
02329200 - LAKE JACKSON NR TALLAHASSEE. FLA. (LAT 30 31 43 LONG 084 21 30)												
OCT . 1975 16...	--	--	--	20	--	20	--	--	--	--	--	--
MAY . 1976 03...	200	--	180	10	10	0	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL COBALT (CO) (UG/L) (01037)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	TOTAL COPPER (CU) (UG/L) (01042)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	TOTAL LEAD (PB) (UG/L) (01051)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL NICKEL (NI) (UG/L) (01067)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
02323490 - COPPER SPRING NR OLD TOWN FLA (LAT 29 36 50 LONG 082 58 26)												
NOV . 1975												
11...	--	--	--	--	--	--	--	--	--	--	--	--
02323500 - SUWANNEE RIVER NEAR WILCOX. FLA. (LAT 29 35 22 LONG 082 56 12)												
OCT . 1975												
06...	--	--	--	3	10	4	.2	0	--	--	--	10
02324500 - FENHOLLOWAY RIVER AT FOLEY. FLA. (LAT 30 03 53 LONG 083 32 01)												
OCT . 1975												
03...	--	--	--	5	10	10	.2	20	--	--	--	40
APR . 1976												
22...	--	--	--	7	0	0	.0	20	--	--	--	30
02326500 - AUCILLA RIVER AT LAMONT. FLA. (LAT 30 22 11 LONG 083 48 25)												
OCT . 1975												
03...	--	--	--	2	18	0	.1	2	--	--	--	20
02326526 - WACISSA RIVER NR WACISSA FLA (LAT 30 18 04 LONG 083 58 47)												
OCT . 1975												
07...	--	--	--	6	0	1	.0	0	--	--	--	4
02327000 - WAKULLA SPRING NR CRAWFORDVILLE FLA (LAT 30 14 05 LONG 084 18 05)												
JAN . 1976												
22...	--	--	1	--	14	--	.1	--	--	--	20	--
APR												
22...	--	--	--	0	3	0	--	0	--	--	--	0
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY. FLA. (LAT 30 07 45 LONG 084 29 40)												
NOV . 1975												
18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN . 1976												
01...	--	--	0	--	6	--	--	--	0	--	20	--
02329000 - OCHLOCKONEE RIVER NR HAVANA. FLA. (LAT 30 33 14 LONG 084 23 03)												
NOV . 1975												
13...	0	0	18	5	20	12	.2	--	0	0	10	8
FEB . 1976												
27...	0	0	11	4	14	10	.1	--	0	0	20	20
MAY												
21...	0	0	3	3	10	3	.0	--	1	1	10	20
AUG												
17...	0	0	10	5	15	12	.4	--	0	0	20	10
02329200 - LAKE JACKSON NR TALLAHASSEE. FLA. (LAT 30 31 43 LONG 084 21 30)												
OCT . 1975												
16...	--	--	--	0	--	7	.0	--	--	--	--	4
MAY . 1976												
03...	--	--	--	0	6	0	--	--	--	--	--	0

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL ALUM- INUM (AL) (UG/L) (01105)	DIS- SOLVED ALUM- INUM (AL) (UG/L) (01106)	TOTAL IRON (FE) (UG/L) (01045)	DIS- SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN- GANESE (MN) (UG/L) (01055)	DIS- SOLVED MAN- GANESE (MN) (UG/L) (01056)	TOTAL ARSENIC (AS) (UG/L) (01002)	DIS- SOLVED ARSENIC (AS) (UG/L) (01000)	TOTAL CAD- MIUM (CD) (UG/L) (01027)	DIS- SOLVED CAD- MIUM (CD) (UG/L) (01025)	TOTAL CHRO- MIUM (CR) (UG/L) (01034)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L) (01032)
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY, FLA. (LAT 30 36 00 LONG 084 34 50)												
AUG , 1976 11...	--	--	--	--	--	--	1	--	0	--	20	--
02358000 - APALACHICOLA RIVER AT CHATTAHOOCHEE FLA (LAT 30 42 03 LONG 084 51 33)												
NOV , 1975 19...	--	--	500	70	60	60	1	0	0	2	<10	--
MAR , 1976 09...	--	--	800	30	50	0	1	0	0	0	10	--
MAY 31...	--	--	840	310	60	0	1	0	0	0	<10	--
AUG 26...	--	--	480	0	130	40	1	0	0	0	20	--
02359000 - CHIPOLA RIVER NR ALTHA, FLA. (LAT 30 32 02 LONG 085 09 55)												
NOV , 1975 10...	--	--	360	90	20	20	0	0	1	0	<10	--
FEB , 1976 24...	--	--	350	90	0	0	1	0	0	0	0	--
MAY 26...	--	--	580	210	40	0	1	0	0	0	<10	--
AUG 24...	--	--	170	0	10	10	0	0	1	0	20	--
02359660 - DEER POINT LAKE NEAR PANAMA CITY FLA (LAT 30 17 45 LONG 085 34 55)												
OCT , 1975 15...	140	--	390	180	10	10	--	--	--	--	--	--
MAY , 1976 04...	70	--	150	20	10	0	--	--	--	--	--	--
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)												
OCT , 1975 07...	--	--	--	490	--	--	--	--	--	--	--	--
NOV 12...	--	--	2200	590	60	50	1	0	2	1	<10	--
FEB , 1976 26...	--	--	1700	480	30	0	1	1	0	0	20	--
MAY 20...	--	--	2400	940	50	0	2	1	1	0	<10	--
AUG 26...	--	--	980	50	100	40	0	0	0	0	10	--
02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)												
NOV , 1975 11...	--	--	1900	590	50	50	--	0	1	0	<10	--
FEB , 1976 25...	--	--	1500	200	40	20	1	0	1	0	<0	--
MAY 18...	--	--	1600	630	50	10	1	0	0	0	20	--
AUG 25...	--	--	390	150	40	40	1	0	0	0	20	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL COBALT (CO) (UG/L) (01037)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	TOTAL COPPER (CU) (UG/L) (01042)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	TOTAL LEAD (PB) (UG/L) (01051)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL NICKEL (NI) (UG/L) (01067)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY, FLA. (LAT 30 36 00 LONG 084 34 50)												
AUG , 1976 11...	--	--	--	--	3	--	.0	--	0	--	--	--
02358000 - APALACHICOLA RIVER AT CHATTAHOOCHEE FLA (LAT 30 42 03 LONG 084 51 33)												
NOV , 1975 19...	0	0	2	2	13	13	.0	--	0	0	20	20
MAR , 1976 09...	0	0	8	0	6	0	.0	--	0	0	40	0
MAY 31...	0	0	1	0	5	0	.0	--	0	0	20	0
AUG 26...	0	0	4	4	5	3	.3	--	0	--	20	10
02359000 - CHIPOLA RIVER NR ALTHA, FLA. (LAT 30 32 02 LONG 085 09 55)												
NOV , 1975 10...	0	0	4	1	24	8	.1	--	0	0	20	20
FEB , 1976 24...	0	0	7	0	5	3	.1	--	0	0	0	0
MAY 26...	0	0	0	0	6	0	.0	--	0	0	20	10
AUG 24...	0	0	4	0	13	4	.2	--	0	0	10	10
02359660 - DEER POINT LAKE NEAR PANAMA CITY FLA (LAT 30 17 45 LONG 085 34 55)												
OCT , 1975 15...	--	--	--	0	7	7	--	--	--	--	--	10
MAY , 1976 04...	--	--	--	0	4	0	--	--	--	--	--	0
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)												
OCT , 1975 07...	--	--	--	--	--	--	--	--	--	--	--	--
NOV 12...	0	0	6	2	28	0	.3	--	0	0	10	10
FEB , 1976 26...	0	0	10	1	8	5	.1	--	0	0	20	20
MAY 20...	0	0	0	0	3	0	.0	--	1	--	10	0
AUG 26...	0	0	6	2	14	8	.3	--	0	0	40	10
02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)												
NOV , 1975 11...	0	0	4	1	32	15	.1	--	0	0	20	10
FEB , 1976 25...	0	0	12	3	9	0	.1	--	0	0	30	10
MAY 18...	0	0	2	2	23	3	.0	--	1	2	10	10
AUG 25...	0	0	1	0	2	2	.3	--	0	0	20	0

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL ALUM-INUM (AL) (UG/L) (01105)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	TOTAL IRON (FE) (UG/L) (01045)	DIS-SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN-GANESE (MN) (UG/L) (01055)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	TOTAL ARSENIC (AS) (UG/L) (01002)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	TOTAL CAD-MIUM (CD) (UG/L) (01027)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L) (01032)
02375500 - ESCAMBIA RIVER NEAR CENTURY, FLA. (LAT 30 57 25 LONG 087 14 00)												
NOV , 1975 11...	--	--	1900	430	60	60	0	0	1	1	<10	--
FEB , 1976 25...	--	--	2500	210	60	10	2	1	1	1	20	--
MAY 19...	--	--	2600	630	50	0	1	0	1	1	<10	--
AUG 25...	--	--	1400	10	100	60	2	0	2	0	20	--
02376070 - ESCAMBIA RIVER AT US HWY 90 NR PENSACOLA (LAT 30 32 56 LONG 087 11 44.01)												
MAY , 1976 19...	580	--	1600	760	40	0	1	--	1	--	--	--
02376108 - ELEVENMILE CREEK NR ENSLEY, FLA. (LAT 30 32 52 LONG 087 19 49)												
APR , 1976 28...	1200	--	1500	520	710	560	2	--	0	--	--	--
02376500 - PERDIDO RIVER AT BARRINEAU PARK, FLA. (LAT 30 41 25 LONG 087 26 25)												
OCT , 1975 15...	--	--	--	390	--	24	--	1	--	<1	--	--
NOV 19...	--	--	--	330	--	33	--	1	--	1	--	--
JAN , 1976 07...	--	--	--	160	--	51	--	1	--	<1	--	--
FEB 23...	--	--	--	320	--	66	--	1	--	<1	--	--
MAR 31...	--	--	--	270	--	37	--	1	--	<1	--	--
MAY 12...	--	--	--	270	--	18	--	ND	--	1	--	--
JUN 21...	--	--	--	210	--	13	--	1	--	2	--	--
294911085180400 - PORT ST JOE CHIPOLA R DISTRIB CA AT WATER PLANT (LAT 29 49 11 LONG 085 18 04)												
AUG , 1976 19...	--	--	--	--	--	--	1	--	0	--	20	--
295042083332901 - BLUE SPRING NR KEATON BEACH FLORIDA (LAT 29 50 42 LONG 083 33 29.01)												
DEC , 1975 04...	--	--	--	0	--	--	--	--	--	--	--	--
300228083013200 - MEARSON SPRING NEAR MAYO FLORIDA (LAT 30 02 28 LONG 083 01 32)												
DEC , 1975 03...	--	--	--	0	--	--	--	--	--	--	--	--
300329083351501 - CARLTON SPRING NEAR PERRY, FLORIDA (LAT 30 03 29 LONG 083 35 15.01)												
DEC , 1975 05...	--	--	--	10	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

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02375500 - ESCAMBIA RIVER NEAR CENTURY, FLA. (LAT 30 57 25 LONG 087 14 00)												
NOV , 1975 11...	0	0	11	1	18	17	.2	--	0	0	30	10
FEB , 1976 25...	0	0	9	2	20	0	.0	--	0	0	20	10
MAY 19...	0	0	2	2	19	20	.0	--	1	0	10	20
AUG 25...	0	0	6	3	22	15	.3	--	0	0	20	10
02376070 - ESCAMBIA RIVER AT US HWY 90 NR PENSACOLA (LAT 30 32 56 LONG 087 11 44.01)												
MAY , 1976 19...	--	--	--	2	7	7	.2	0	--	--	--	0
02376108 - ELEVENMILE CREEK NR ENSLEY, FLA. (LAT 30 32 52 LONG 087 19 49)												
APR , 1976 28...	--	--	--	16	23	8	.2	20	--	--	--	10
02376500 - PERDIDO RIVER AT BARRINEAU PARK, FLA. (LAT 30 41 25 LONG 087 26 25)												
OCT , 1975 15...	--	1	--	--	--	1	--	--	--	--	--	20
NOV 19...	--	1	--	--	--	2	--	--	--	--	--	20
JAN , 1976 07...	--	1	--	--	--	ND	--	--	--	--	--	30
FEB 23...	--	1	--	--	--	ND	--	--	--	--	--	140
MAR 31...	--	1	--	--	--	1	--	--	--	--	--	<5
MAY 12...	--	1	--	--	--	1	--	--	--	--	--	10
JUN 21...	--	<1	--	--	--	6	--	--	--	--	--	40
294911085180400 - PORT ST JOE CHIPOLA R DISTRIB CA AT WATER PLANT (LAT 29 49 11 LONG 085 18 04)												
AUG , 1976 19...	--	--	--	--	4	--	.1	--	0	--	--	--
295042083332901 - BLUE SPRING NR KEATON BEACH FLORIDA (LAT 29 50 42 LONG 083 33 29.01)												
DEC , 1975 04...	--	--	--	--	--	--	--	--	--	--	--	--
300228083013200 - MEARSON SPRING NEAR MAYO FLORIDA (LAT 30 02 28 LONG 083 01 32)												
DEC , 1975 03...	--	--	--	--	--	--	--	--	--	--	--	--
300329083351501 - CARLTON SPRING NEAR PERRY, FLORIDA (LAT 30 03 29 LONG 083 35 15.01)												
DEC , 1975 05...	--	--	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL ALUM- INUM (AL) (UG/L) (01105)	DIS- SOLVED ALUM- INUM (AL) (UG/L) (01106)	TOTAL IRON (FE) (UG/L) (01045)	DIS- SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN- GANESE (MN) (UG/L) (01055)	DIS- SOLVED MAN- GANESE (MN) (UG/L) (01056)	TOTAL ARSENIC (AS) (UG/L) (01002)	DIS- SOLVED ARSENIC (AS) (UG/L) (01000)	TOTAL CAD- MIUM (CD) (UG/L) (01027)	DIS- SOLVED CAD- MIUM (CD) (UG/L) (01025)	TOTAL CHRO- MIUM (CR) (UG/L) (01034)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L) (01032)
301215085370500 - BAY CO WATER SYSTEM DEER POINT LAKE AT WAT PLANT (LAT 30 12 15 LONG 085 37 05)												
AUG , 1976 20...	--	--	--	--	--	--	0	--	0	--	30	--
302127084181100 - MUNSON SLOUGH AT CRAWFORDVILLE HWY TALL FLA (LAT 30 21 27 LONG 084 18 11)												
JAN , 1976 26...	--	--	310	--	40	--	1	--	0	--	30	--
302315084184800 - MUNSON SLOUGH AT CAPITAL CIRCLE NR TALL FLA (LAT 30 23 15 LONG 084 18 48)												
JAN , 1976 26...	--	--	740	--	60	--	1	--	1	--	20	--
303254087133600 - THOMPSON BAYOU NEAR PENSACOLA FLORIDA (LAT 30 32 54 LONG 087 13 36)												
MAR , 1976 11...	--	--	--	180	--	20	0	--	--	--	--	--
303342087140400 - CLEAR CREEK TRIB.NR.PENSACOLA,FL (LAT 30 33 58 LONG 087 14 05)												
MAR , 1976 11...	--	--	--	40	--	10	0	--	--	--	--	--
JUN 02...	--	--	140	--	--	--	--	--	--	--	--	--
AUG 04...	--	--	250	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS

DATE	TOTAL COBALT (CO) (UG/L) (01037)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	TOTAL COPPER (CU) (UG/L) (01042)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	TOTAL LEAD (PB) (UG/L) (01051)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL NICKEL (NI) (UG/L) (01067)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
301215085370500 - HAY CO WATER SYSTEM DEER POINT LAKE AT WAT PLANT (LAT 30 12 15 LONG 085 37 05)												
AUG , 1976 20...	--	--	--	--	2	--	.0	--	0	--	--	--
302127084181100 - MUNSON SLOUGH AT CRAWFORDVILLE HWY TALL FLA (LAT 30 21 27 LONG 084 18 11)												
JAN , 1976 26...	--	--	3	--	9	--	.2	--	--	--	40	--
302315084184800 - MUNSON SLOUGH AT CAPITAL CIRCLE NR TALL FLA (LAT 30 23 15 LONG 084 18 48)												
JAN , 1976 26...	--	--	11	--	19	--	.5	--	--	--	60	--
303254087133600 - THOMPSON BAYOU NEAR PENSACOLA FLORIDA (LAT 30 32 54 LONG 087 13 36)												
MAR , 1976 11...	--	--	--	--	--	10	--	--	--	--	--	10
303342087140400 - CLEAR CREEK TRIB.NR.PENSACOLA.FL (LAT 30 33 58 LONG 087 14 05)												
MAR , 1976 11...	--	--	--	--	--	6	--	--	--	--	--	10
JUN 02...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	--	--	--	--	--	--	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS

Pesticides in Water

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SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-AZINON (UG/L) (39570)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL ETHION (UG/L) (39398)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA. (LAT 30 07 45 LONG 084 29 40)											
JUN , 1976											
01...	.00	.0	.00	.00	.00	--	.00	.00	--	.00	.00
02329000 - OCHLOCKONEE RIVER NR HAVANA, FLA. (LAT 30 33 14 LONG 084 23 03)											
NOV , 1975											
13...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FEB , 1976											
27...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MAY											
21...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AUG											
17...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY, FLA. (LAT 30 36 00 LONG 084 34 30)											
AUG , 1976											
11...	.00	.0	.00	.00	.00	--	.00	.00	--	.00	.00
02359000 - CHIPOLA RIVER NR ALTHA, FLA. (LAT 30 32 02 LONG 085 09 55)											
NOV , 1975											
10...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FEB , 1976											
24...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MAY											
26...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AUG											
24...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)											
NOV , 1975											
12...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FEB , 1976											
26...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MAY											
20...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AUG											
26...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)											
NOV , 1975											
11...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FEB , 1976											
25...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MAY											
18...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
AUG											
25...	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
294911085180400 - PORT ST JOE CHIPOLA R DISTRIB CA AT WATER PLANT (LAT 29 49 11 LONG 085 18 04)											
AUG , 1976											
19...	--	.0	.00	.00	.00	--	.00	.00	--	.00	.00

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER

DATE	TOTAL LINDANE (UG/L) (39340)	TOTAL MALA-THION (UG/L) (39530)	TOTAL METHYL PARA-THION (UG/L) (39600)	TOTAL METHYL TRI-THION (UG/L) (39790)	TOTAL PARA-THION (UG/L) (39540)	TOTAL PCB (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL TRI-THION (UG/L) (39786)	TOTAL 2.4-D (UG/L) (39730)	TOTAL 2.4.5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY. FLA. (LAT 30 07 45 LONG 084 29 40)											
JUN . 1976 01...	.00	--	--	--	--	.0	0	--	.00	.00	.00
02329000 - OCHLOCKONEE RIVER NR HAVANA. FLA. (LAT 30 33 14 LONG 084 23 03)											
NOV . 1975 13...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
FEB . 1976 27...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
MAY 21...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
AUG 17...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY. FLA. (LAT 30 36 00 LONG 084 34 50)											
AUG . 1976 11...	.00	--	--	--	--	.0	0	--	.00	.00	.00
02359000 - CHIPOLA RIVER NR ALTHA. FLA. (LAT 30 32 02 LONG 085 09 55)											
NOV . 1975 10...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
FEB . 1976 24...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
MAY 26...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
AUG 24...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE. FLA. (LAT 30 27 03 LONG 085 53 54)											
NOV . 1975 12...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
FEB . 1976 26...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
MAY 20...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
AUG 26...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
02368000 - YELLOW RIVER AT MILLIGAN. FLA. (LAT 30 45 10 LONG 086 37 45)											
NOV . 1975 11...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
FEB . 1976 25...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
MAY 18...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
AUG 25...	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
294911085180400 - PORT ST JOE CHIPOLA R DISTRIB CA AT WATER PLANT (LAT 29 49 11 LONG 085 18 04)											
AUG . 1976 19...	.00	--	--	--	--	.0	0	--	.00	.00	.00

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER

301215085370500 - BAY CO WATER SYSTEM DEER POINT LAKE AT WAT PLANT (LAT 30 12 15 LONG 085 37 05)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-AZINON (UG/L) (39570)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL ETHION (UG/L) (39398)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)
AUG . 1976											
20...	.00	.0	.00	.00	.00	--	.00	.00	--	.00	.00

DATE	TOTAL LINDANE (UG/L) (39340)	TOTAL MALA-THION (UG/L) (39530)	TOTAL METHYL PARA-THION (UG/L) (39600)	TOTAL METHYL TRI-THION (UG/L) (39790)	TOTAL PARA-THION (UG/L) (39540)	TOTAL PCB (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL TRI-THION (UG/L) (39786)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
301215085370500 - BAY CO WATER SYSTEM DEER POINT LAKE AT WAT PLANT (LAT 30 12 15 LONG 085 37 05)											
AUG , 1976											
20...	.00	--	--	--	--	.0	0	--	.00	.00	.00

SURFACE WATER QUALITY RECORDS

Pesticides in Bottom Sediments

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SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN BOTTOM SEDIMENTS

DATE	ALDRIN IN BOTTOM MA- TERIAL (UG/KG) (39333)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG) (39351)	DDD IN BOTTOM MA- TERIAL (UG/KG) (39363)	DDE IN BOTTOM MA- TERIAL (UG/KG) (39368)	DDT IN BOTTOM MA- TERIAL (UG/KG) (39373)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG) (39383)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG) (39393)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG) (39413)
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA. (LAT 30 07 45 LONG 084 29 40)								
JUN , 1976 01...	.0	0	.0	.0	.0	.0	.0	.0
02329000 - OCHLOCKONEE RIVER NR HAVANA, FLA. (LAT 30 33 14 LONG 084 23 03)								
NOV , 1975 13...	ND	ND	ND	ND	ND	.0	ND	ND
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY, FLA. (LAT 30 36 00 LONG 084 34 50)								
APR , 1976 23...	.0	0	.0	.0	.0	.0	.0	.0
02329565 - LITTLE RIVER NR LITTMAN, FLA. (LAT 30 33 12 LONG 084 30 54)								
APR , 1976 23...	.0	0	.0	.0	.0	.0	.0	.0
02329877 - OCKLAWAHA CREEK NR WETUMPKA, FLA. (LAT 30 27 00 LONG 084 38 36)								
APR , 1976 23...	.0	0	.0	.0	.0	.0	.0	.0
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)								
NOV , 1975 12...	ND	ND	ND	ND	ND	ND	ND	ND
02366900 - MAGNOLIA CREEK NR FREEPORT, FLA. (LAT 30 31 48 LONG 086 05 15)								
JUN , 1976 08...	.0	0	.0	.0	.0	.0	.0	.0
02366911 - LAFAYETTE CREEK AT FREEPORT, FLA. (LAT 30 29 35 LONG 086 07 33)								
JUN , 1976 08...	.0	0	.0	.0	.0	.0	.0	.0
02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)								
NOV , 1975 11...	ND	ND	ND	ND	ND	ND	ND	ND
MAY , 1976 18...	ND	ND	ND	ND	ND	ND	ND	ND

PESTICIDES IN BOTTOM SEDIMENTS

DATE	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG) (39423)	LINDANE IN BOTTOM MA-TERIAL (UG/KG) (39343)	PCB IN BOTTOM MA-TERIAL (UG/KG) (39519)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG) (39403)	2,4-D IN BOTTOM MA-TERIAL (UG/KG) (39731)	2,4,5-T IN BOTTOM MA-TERIAL (UG/KG) (39741)	SILVEX IN BOTTOM MA-TERIAL (UG/KG) (39761)
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA. (LAT 30 07 45 LONG 084 29 40)							
JUN , 1976							
01...	.0	.0	0	0	--	--	--
02329000 - OCHLOCKONEE RIVER NR HAVANA, FLA. (LAT 30 33 14 LONG 084 23 03)							
NOV , 1975							
13...	ND	ND	--	ND	--	--	--
02329534 - QUINCY CREEK AT STATE HWY 267 AT QUINCY, FLA. (LAT 30 36 00 LONG 084 34 50)							
APR , 1976							
23...	.0	.0	0	0	--	--	--
02329565 - LITTLE RIVER NR LITTMAN, FLA. (LAT 30 33 12 LONG 084 30 54)							
APR , 1976							
23...	.0	.0	0	0	--	--	--
02329877 - OCKLAWAHA CREEK NR WETUMPKA, FLA. (LAT 30 27 00 LONG 084 38 36)							
APR , 1976							
23...	.0	.0	0	0	--	--	--
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)							
NOV , 1975							
12...	ND	ND	--	ND	ND	ND	ND
02366900 - MAGNOLIA CREEK NR FREEPORT, FLA. (LAT 30 31 48 LONG 086 05 15)							
JUN , 1976							
08...	.0	.0	0	0	--	--	--
02366911 - LAFAYETTE CREEK AT FREEPORT, FLA. (LAT 30 29 35 LONG 086 07 33)							
JUN , 1976							
08...	.0	.0	0	0	--	--	--
02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)							
NOV , 1975							
11...	ND	ND	--	ND	ND	ND	ND
MAY , 1976							
18...	ND	ND	--	ND	--	--	--

SURFACE WATER QUALITY RECORDS

Radiochemical Data

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SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
RADIOCHEMICAL DATA

DATE	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L) (80040)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	SUS-PENDED GROSS BETA AS CS-137 (PC/L) (03516)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L) (80060)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED URANIUM (U) (UG/L) (80020)
02314986 - ROCKY CREEK NR BELMONT.FLA. (LAT 30 32 40 LONG 082 44 02)								
APR . 1976								
06...	<1.3	<.4	2.0	<.4	1.6	<.4	.07	.07
JUN								
03...	--	--	--	--	--	--	.03	.10
AUG								
04...	--	--	--	--	--	--	.08	.40
02315005 - HUNTER CREEK NEAR BELMONT FLA (LAT 30 29 20 LONG 082 41 40)								
APR . 1976								
05...	<2.0	3.2	2.1	1.4	1.7	1.2	.05	--
MAY								
21...	--	--	--	--	--	--	.23	.07
JUN								
03...	--	--	--	--	--	--	.17	.20
AUG								
04...	--	--	--	--	--	--	.02	.20
02315200 - DEEP CREEK NR SUWANNEE VALLEY FL (LAT 30 21 55 LONG 082 37 13)								
APR . 1976								
06...	3.3	<.4	3.3	<.4	2.6	<.4	.08	.06
MAY								
24...	--	--	--	--	--	--	.04	.07
AUG								
04...	--	--	--	--	--	--	.02	--
02315392 - ROBINSON CR NR SUWANNEE VALLEY FL (LAT 30 18 56 LONG 082 38 41)								
APR . 1976								
07...	1.7	.4	2.4	.4	1.9	.4	.05	--
MAY								
24...	--	--	--	--	--	--	.10	.08
AUG								
05...	--	--	--	--	--	--	.07	--
02315520 - SWIFT CREEK AT FACIL FLA (LAT 30 22 14 LONG 082 48 00)								
APR . 1976								
05...	8.7	3.1	4.5	1.4	4.0	1.2	.08	--
MAY								
21...	--	--	--	--	--	--	.08	.10
24...	--	--	--	--	--	--	.05	--
AUG								
03...	--	--	--	--	--	--	.19	.50
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY. FLA. (LAT 30 07 45 LONG 084 29 40)								
JUN . 1976								
01...	2.2	<.4	2.6	.4	2.0	<.4	.07	.10
02358000 - APALACHICOLA RIVER AT CHATTAHOOCHEE FLA (LAT 30 42 03 LONG 084 51 33)								
NOV . 1975								
03...	<.5	.6	2.7	<.4	2.2	<.4	.06	.05
MAY . 1976								
31...	1.2	.7	2.7	.6	2.1	.6	.03	.05

SURFACE WATER QUALITY RECORDS

Bacteriological, Sediment and Miscellaneous Data

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
BACTERIOLOGICAL, SEDIMENT AND MISC DATA

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
02313700 - WACCASASSA RIVER NR GULF HAMMOCK, FLA. (LAT 29 12 14 LONG 082 46 09)							
OCT , 1975							
08...	7	--	--	--	--	--	--
MAY , 1976							
04...	6	--	--	--	--	--	--
02314986 - ROCKY CREEK NR BELMONT,FLA. (LAT 30 32 40 LONG 082 44 02)							
DEC , 1975							
09...	--	--	--	260	--	--	--
FEB , 1976							
03...	--	--	--	100	--	--	--
APR							
05...	--	--	--	300	873	280	--
06...	--	--	--	--	--	--	1
MAY							
03...	--	--	--	--	--	--	27
JUL							
06...	--	--	--	--	--	--	3
AUG							
04...	--	--	--	830	--	--	--
30...	--	--	--	--	--	--	18
02315000 - SUWANNEE R NR BENTON FLA (LAT 30 30 30 LONG 082 41 50)							
DEC , 1975							
09...	--	--	--	270	--	--	--
FEB , 1976							
03...	--	--	--	8170	--	--	--
APR							
06...	--	--	--	8120	830	88	--
JUN							
01...	--	--	--	220	--	--	--
AUG							
04...	--	--	--	350	--	--	--
02315005 - HUNTER CREEK NEAR BELMONT FLA (LAT 30 29 20 LONG 082 41 40)							
DEC , 1975							
08...	--	--	--	1030	--	--	--
FEB , 1976							
03...	--	--	--	200	--	--	--
APR							
05...	--	--	--	1100	840	900	--
MAY							
03...	--	--	--	--	--	--	6
21...	6	--	--	--	--	--	--
JUN							
03...	--	--	--	120	--	--	--
JUL							
06...	--	--	--	--	--	--	10
AUG							
04...	--	--	--	1450	--	--	--
30...	--	--	--	--	--	--	9
02315200 - DEEP CREEK NR SUWANNEE VALLEY FL (LAT 30 21 55 LONG 082 37 13)							
APR , 1976							
06...	--	--	--	1300	470	240	1
MAY							
04...	--	--	--	--	--	--	3
24...	--	--	--	--	--	--	4
JUL							
07...	--	--	--	--	--	--	7
AUG							
31...	--	--	--	--	--	--	3

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
BACTERIOLOGICAL, SEDIMENT AND MISC DATA

02315392 - ROBINSON CR NR SUWANNEE VALLEY FL (LAT 30 18 56 LONG 082 38 41)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
APR , 1976							
07...	--	--	--	--	--	--	2
MAY							
04...	--	--	--	--	--	--	1
24...	--	--	--	--	--	--	4
JUL							
07...	--	--	--	--	--	--	5
AUG							
31...	--	--	--	--	--	--	6

02315500 - SUWANNEE RIVER AT WHITE SPRINGS, FLA. (LAT 30 19 32 LONG 082 44 18)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
OCT , 1975							
01...	7	--	--	--	--	--	--
APR , 1976							
06...	2	--	--	--	--	--	--

02315520 - SWIFT CREEK AT FACIL FLA (LAT 30 22 14 LONG 082 48 00)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
DEC , 1975							
08...	--	--	--	1330	--	--	--
FEB , 1976							
02...	--	--	--	500	--	--	--
APR							
05...	13	--	--	1700	820	1200	13
MAY							
03...	--	--	--	--	--	--	17
21...	9	--	--	--	--	--	--
24...	--	--	--	--	--	--	83
JUN							
01...	--	--	--	500	--	--	--
JUL							
06...	--	--	--	--	--	--	10
AUG							
03...	--	--	--	1300	--	--	--
30...	--	--	--	--	--	--	5

02315550 - SUWANNEE RIVER AT SUWANNEE SPRINGS FLA (LAT 30 23 34 LONG 082 56 00)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
OCT , 1975							
01...	--	--	--	8130	--	--	--
DEC							
08...	--	--	--	8280	--	--	--
FEB , 1976							
03...	--	--	--	200	--	--	--
APR							
07...	--	--	--	180	--	--	--
JUN							
01...	--	--	--	150	--	--	--
AUG							
03...	--	--	--	400	--	--	--

02319000 - WITHLACOOCHEE RIVER NEAR PINETTA, FLA. (LAT 30 35 43 LONG 083 15 35)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
DEC , 1975							
08...	--	--	--	8130	--	--	--
FEB , 1976							
02...	--	--	--	420	--	--	--
APR							
05...	8	--	--	300	--	--	--
JUN							
01...	--	--	--	0	--	--	--
AUG							
03...	--	--	--	8380	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
BACTERIOLOGICAL, SEDIMENT AND MISC DATA

02320500 - SUWANNEE RIVER AT BRANFORD, FLA. (LAT 29 57 20 LONG 082 55 40)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
OCT , 1975							
08...	--	--	4	--	--	--	4
NOV							
12...	--	--	--	--	B50	B30	2
DEC							
11...	--	--	29	B100	B10	B8	2
JAN , 1976							
14...	--	--	280	--	B330	B150	7
FEB							
05...	--	--	170	--	B40	100	16
MAR							
09...	--	--	200	--	--	--	5
APR							
09...	--	--	600	--	--	--	7
MAY							
05...	--	--	540	--	--	--	4
JUN							
02...	--	--	100	430	--	--	--
JUL							
08...	--	--	120	--	--	--	15
AUG							
06...	--	--	270	--	--	--	--
SEP							
10...	--	--	24	--	70	10	6

02320600 - SANTA FE LAKE NR KEYSTONE HTS, FLA. (LAT 29 45 38 LONG 082 04 30)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
OCT , 1975							
02...	--	--	22000	--	--	--	--
APR , 1976							
08...	--	--	2600	--	--	--	--
JUL							
07...	--	--	23000	--	--	--	--

02320700 - SANTA FE RIVER NEAR GRAHAM, FLA. (LAT 29 50 46 LONG 082 13 11)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
OCT , 1975							
07...	5	--	--	--	--	--	--
APR , 1976							
08...	1	--	--	--	--	--	--

02321000 - NEW RIVER NR LAKE BUTLER FLA (LAT 29 59 53 LONG 082 16 27)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
OCT , 1975							
02...	9	--	--	--	--	--	--
APR , 1976							
08...	1	--	--	--	--	--	--

02321500 - SANTA FE RIVER AT WORTHINGTON SPRINGS, FLA. (LAT 29 55 18 LONG 082 25 35)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
OCT , 1975							
07...	6	--	--	--	--	--	--
APR , 1976							
08...	1	--	--	--	--	--	--

02321800 - OLUSTEE CREEK NR PROVIDENCE FLA (LAT 30 00 14 LONG 082 34 20)

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
OCT , 1975							
02...	5	--	--	--	--	--	--
APR , 1976							
08...	2	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
BACTERIOLOGICAL, SEDIMENT AND MISC DATA

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
02322600 - ALLIGATOR LAKE AT LAKE CITY FLA (LAT 30 10 31 LONG 082 37 55)							
OCT , 1975							
06...	--	--	96000	--	--	--	--
APR , 1976							
07...	--	--	640000	--	--	--	--
02322700 - ICHATUCKNEE SPRINGS NR HILDRETH FLA (LAT 29 57 09 LONG 082 47 10)							
OCT , 1975							
03...	5	--	--	--	--	--	--
APR , 1976							
09...	1	--	--	--	--	--	--
02324500 - FENHOLLOWAY RIVER AT FOLEY, FLA. (LAT 30 03 53 LONG 083 32 01)							
OCT , 1975							
03...	43	--	--	--	--	--	--
APR , 1976							
22...	33	--	--	--	--	--	--
02326500 - AUCILLA RIVER AT LAMONT, FLA. (LAT 30 22 11 LONG 083 48 25)							
OCT , 1975							
03...	6	--	--	--	--	--	--
02326526 - WACISSA RIVER NR WACISSA FLA (LAT 30 18 04 LONG 083 58 47)							
OCT , 1975							
07...	8	--	--	--	--	--	--
02327100 - SOPCHOPPY RIVER NR SOPCHOPPY, FLA. (LAT 30 07 45 LONG 084 29 40)							
OCT , 1975							
10...	--	--	--	--	107	B52	7
NOV							
18...	--	--	--	850	120	B36	4
DEC							
29...	--	--	--	--	--	--	3
JAN , 1976							
15...	--	--	--	--	B7	B16	2
FEB							
18...	--	--	--	133	>1	B16	3
MAR							
24...	--	--	--	--	>1	B14	2
APR							
21...	--	--	--	--	>3	B20	2
JUN							
01...	--	--	--	--	>10	B24	5
16...	--	--	--	220	>3	B24	3
JUL							
22...	--	--	--	453	B53	108	4
AUG							
19...	--	--	--	--	--	--	6
SEP							
09...	--	--	--	--	53	38	6

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
BACTERIOLOGICAL, SEDIMENT AND MISC DATA

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
02329000 - OCHLOCKONEE RIVER NR HAVANA, FLA. (LAT 30 33 14 LONG 084 23 03)							
OCT , 1975							
13...	--	--	2300	--	97	102	20
NOV							
04...	--	--	80	--	B13	40	--
13...	--	--	530	--	530	B450	29
JAN , 1976							
14...	--	--	270	--	290	1020	10
FEB							
27...	--	--	220	--	B43	B24	10
MAR							
31...	--	--	370	--	240	160	14
APR							
30...	--	--	140	--	B33	810	9
MAY							
21...	--	--	2400	--	123	160	21
JUN							
18...	--	--	520	--	B10	88	14
JUL							
23...	--	--	--	--	200	268	18
AUG							
17...	--	--	2000	--	--	--	19
02329200 - LAKE JACKSON NR TALLAHASSEE, FLA. (LAT 30 31 43 LONG 084 21 30)							
OCT , 1975							
16...	17	--	23000	--	--	--	--
MAY , 1976							
03...	4	--	11000	--	--	--	--
AUG							
18...	--	--	22000	--	--	--	--
02358000 - APALACHICOLA RIVER AT CHATTAHOOCHEE FLA (LAT 30 42 03 LONG 084 51 33)							
OCT , 1975							
08...	--	--	7100	--	733	400	11
NOV							
03...	--	--	10000	--	B20	144	--
19...	--	--	13000	--	830	104	13
JAN , 1976							
29...	--	--	6000	--	680	2000	15
MAR							
09...	--	--	10000	--	B43	B26	10
APR							
02...	--	--	5400	--	87	144	26
23...	--	--	11000	--	B57	B16	12
MAY							
31...	--	--	13000	--	B20	146	13
JUN							
25...	--	--	9100	--	320	66	10
JUL							
27...	--	--	--	--	B40	B2	11
AUG							
26...	--	--	120000	--	73	840	14

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
BACTERIOLOGICAL, SEDIMENT AND MISC DATA

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
02359000 - CHIPOLA RIVER NR ALTHA, FLA. (LAT 30 32 02 LONG 085 09 55)							
OCT , 1975 10...	--	--	88	--	137	136	10
NOV 10...	--	--	310	--	B43	70	10
DEC 15...	--	--	130	--	B23	B38	6
JAN , 1976 20...	--	--	86	--	46	B18	2
FEB 24...	--	--	120	--	380	42	10
MAR 26...	--	--	140	--	130	B32	10
APR 20...	--	--	350	--	B40	114	8
MAY 26...	--	--	94	--	B267	196	16
JUN 17...	--	--	260	--	153	B40	9
JUL 26...	--	--	--	--	B27	B48	5
AUG 24...	--	--	300	--	27	B32	5
02359660 - DEER POINT LAKE NEAR PANAMA CITY FLA (LAT 30 17 45 LONG 085 34 55)							
OCT , 1975 15...	22	--	180	--	--	--	--
MAY , 1976 04...	5	--	150	--	--	--	--
SEP 15...	--	--	240	--	--	--	--
02366500 - CHOCTAWHATCHEE RIVER NR BRUCE, FLA. (LAT 30 27 03 LONG 085 53 54)							
OCT , 1975 07...	--	--	1	--	B30	172	5
NOV 12...	--	--	230	--	B43	136	7
DEC 17...	--	--	350	--	B70	176	8
JAN , 1976 22...	--	--	190	--	B17	B10	5
FEB 26...	--	--	130	--	177	188	9
MAR 30...	--	--	80	--	B50	80	9
APR 29...	--	--	58	--	B47	B16	14
MAY 20...	--	--	1100	--	B33	B182	15
JUN 24...	--	--	720	--	B27	128	13
JUL 29...	--	--	--	--	77	B30	22
AUG 26...	--	--	100	--	40	40	16

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
BACTERIOLOGICAL, SEDIMENT AND MISC DATA

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
02368000 - YELLOW RIVER AT MILLIGAN, FLA. (LAT 30 45 10 LONG 086 37 45)							
OCT , 1975							
02...	--	--	35	--	157	480	11
15...	--	--	88	--	117	820	12
NOV							
11...	--	--	130	--	767	900	22
DEC							
16...	--	--	18	--	80	152	18
JAN , 1976							
21...	--	--	33	--	850	70	10
FEB							
25...	--	--	150	--	>800	>584	24
MAR							
30...	--	--	870	--	867	>320	11
APR							
28...	--	--	3300	--	100	138	23
MAY							
18...	--	--	460	--	8170	108	20
JUN							
23...	--	--	530	--	88	144	20
JUL							
28...	--	--	--	--	230	208	20
AUG							
25...	--	--	78	--	2200	48	14
02375500 - ESCAMBIA RIVER NEAR CENTURY, FLA. (LAT 30 57 25 LONG 087 14 00)							
OCT , 1975							
01...	--	--	130	--	110	1220	76
14...	--	--	69	--	80	70	25
NOV							
11...	--	--	170	--	730	1300	22
DEC							
16...	--	--	100	--	880	84	11
JAN , 1976							
21...	--	--	80	--	813	42	13
29...	--	--	--	--	680	2000	--
FEB							
25...	--	--	320	--	680	>320	54
MAR							
29...	--	--	190	--	1633	>320	9
APR							
28...	--	--	740	--	640	852	32
MAY							
19...	--	--	450	--	170	112	47
JUN							
23...	--	--	350	--	860	872	34
JUL							
28...	--	--	--	--	850	58	18
AUG							
25...	--	--	67	--	2000	256	35
02376033 - ESCAMBIA RIVER NR MOLINO, FLA. (LAT 30 40 05 LONG 087 16 00)							
MAY , 1976							
19...	13	--	--	--	--	--	--
02376070 - ESCAMBIA RIVER AT US HWY 90 NR PENSACOLA (LAT 30 32 56 LONG 087 11 44.01)							
MAY , 1976							
19...	12	--	--	--	--	--	--
02376108 - ELEVENMILE CREEK NR ENSLEY, FLA. (LAT 30 32 52 LONG 087 19 49)							
APR , 1976							
28...	40	--	--	--	--	--	--

SURFACE WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
BACTERIOLOGICAL, SEDIMENT AND MISC DATA

DATE	SUS-PENDED SOLIDS (MG/L) (70299)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	TOTAL PHYTO-PLANK-TON (CELLS PER ML) (60050)	IMME-DIATE COLI-FORM (COL. PER 100 ML) (31501)	FECAL COLI-FORM (COL. PER 100 ML) (31616)	STREP-TOCOCCI (COL-ONIES PER 100 ML) (31679)	SUS-PENDED SEDI-MENT (MG/L) (80154)
290146082353600 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I4 (LAT 29 01 46 LONG 082 35 36)							
OCT , 1975							
22...	--	--	--	400	20	--	1
NOV							
12...	--	--	--	63	15	--	1
DEC							
10...	--	--	--	50	50	--	1
JAN , 1976							
28...	--	--	--	20	--	--	--
MAR							
24...	--	--	--	50	--	--	--
MAY							
21...	--	--	--	0	--	--	--
JUL							
26...	--	--	--	60	--	--	--
SEP							
21...	--	--	--	600	--	--	--
290230082301500 - LAKE ROUSSEAU NEAR DUNNELLON, FLA. SITE I3 (LAT 29 02 30 LONG 082 30 15)							
OCT , 1975							
22...	--	--	--	140	10	--	1
NOV							
18...	--	--	--	180	10	--	1
DEC							
10...	--	--	--	250	30	--	1
JAN , 1976							
28...	--	--	--	390	--	--	--
MAR							
24...	--	--	--	0	--	--	--
MAY							
20...	--	--	--	130	--	--	--
JUL							
26...	--	--	--	110	--	--	--
SEP							
21...	--	--	--	240	--	--	--
303342087140400 - CLEAR CREEK TRIB.NR.PENSACOLA,FL (LAT 30 33 58 LONG 087 14 05)							
JUN , 1976							
02...	--	5	--	--	--	--	--
AUG							
04...	--	9	--	--	--	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

Preceding page blank

KEY TO SITE LOCATIONS ON FIGURE 20

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	301423082261101	344

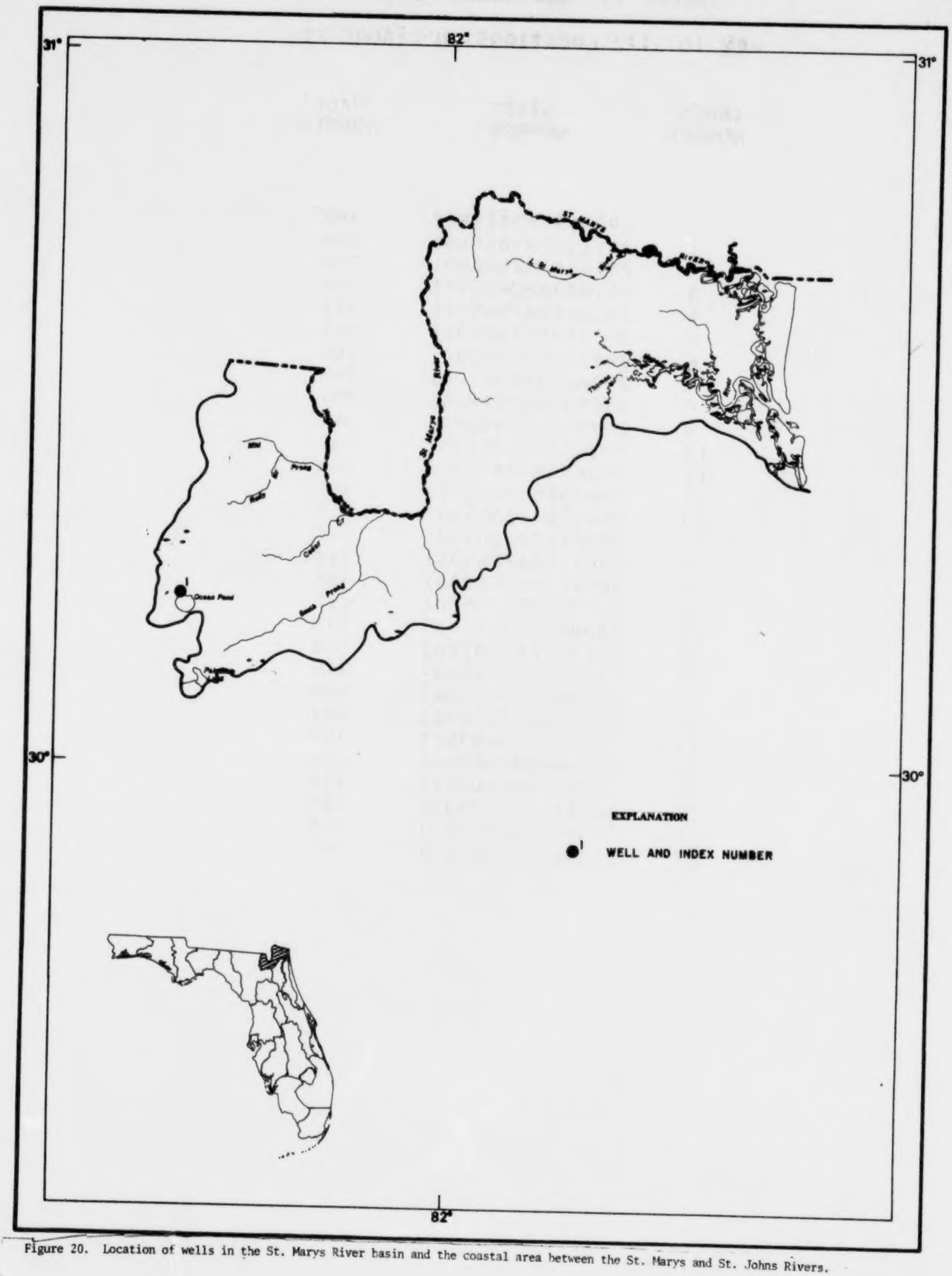

31°
82°
31°
ST MARYS
RIVER
St. Marys River
Ocean Pond
1
30°
30°
EXPLANATION
● 1 WELL AND INDEX NUMBER
82°

Figure 20. Location of wells in the St. Marys River basin and the coastal area between the St. Marys and St. Johns Rivers.

KEY TO SITE LOCATIONS ON FIGURE 21

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	291048083011801	383
1	291118083010601	384
2	291414082560901	385
3	291508082432901	386
4	291806082545601	387
5	292109082422901	388
6	292430082283001	389
7	292640082381201	390
8	292843082514201	391
9	292542082553801	341
10	293620082362301	342
11	293653082493202	366
12	294330082445001	367
13	294928082355301	343
14	300020082103001	347
15	300101082245201	411
16	300400082585001	406
17	300747082225801	412
18	300823083175901	373
19	301031082381001	348
20	301405083163001	375
21	301909082490901	406
22	301956082574301	407
23	302323082493501	369
24	302444082465601	369
24	302533082460501	370
25	303212083174301	395
26	302930082352901	349
27	303622083050601	370

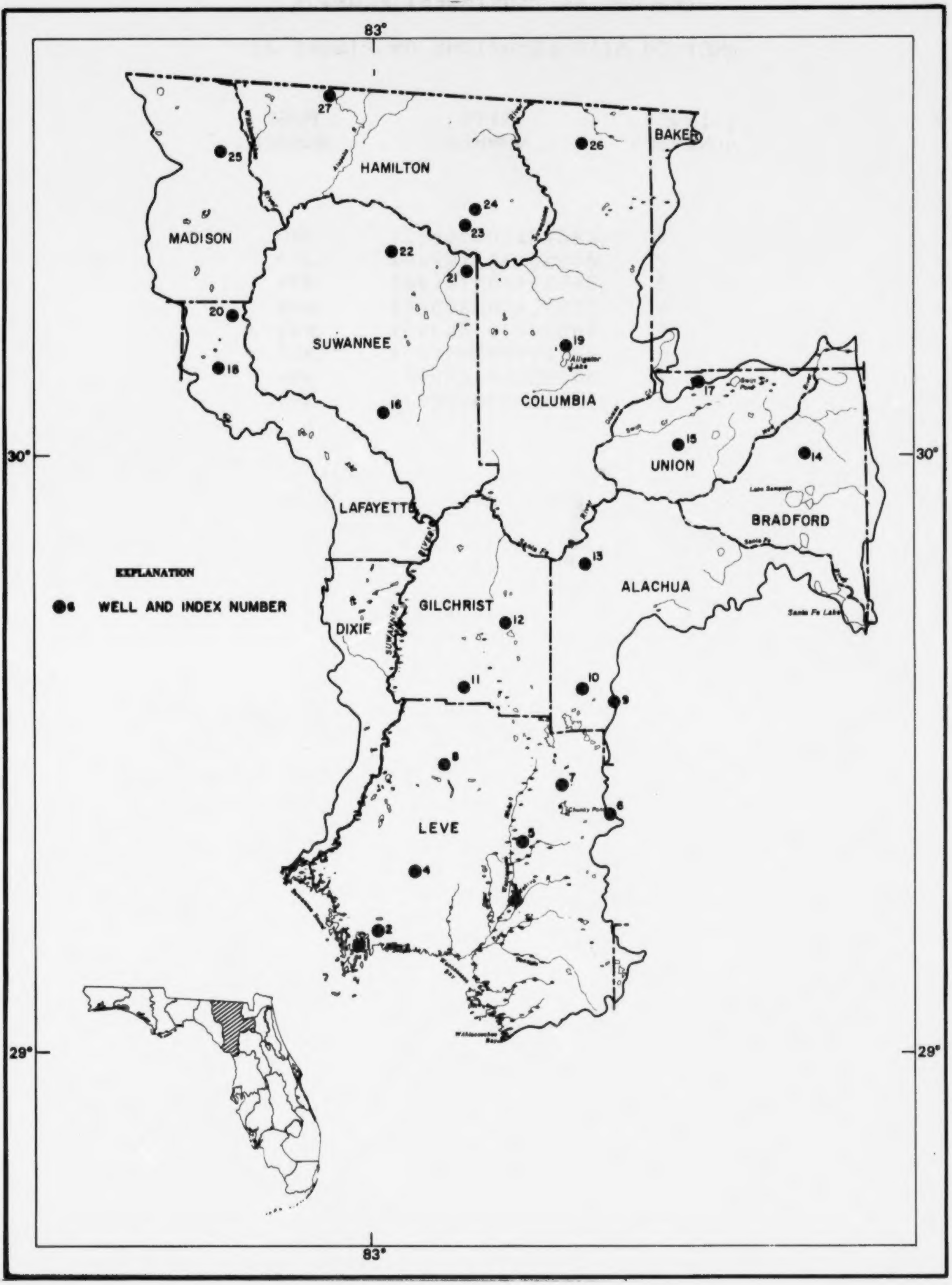

83°
MADISON
HAMILTON
BAKER
SUWANNEE
COLUMBIA
UNION
BRADFORD
LAFAYETTE
DIXIE
GILCHRIST
ALACHUA
LEVE
Alligator Lake
Lake Sampson
Santa Fe Lake
Chunky Pond
Withlacoochee Bay
Suwannee River
30°
29°
27
26
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
2
EXPLANATION
● 6 WELL AND INDEX NUMBER

Figure 21. Location of wells in the Waccasassa and Suwannee River basins and the coastal area between the Withlacoochee and Suwannee Rivers.

KEY TO SITE LOCATIONS ON FIGURE 22

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	293731083061801	350
2	295508083162801	373
3	295802083121001	374
4	300358083305001	408
5	300447083343001	409
6	301145083401201	410
7	302822083255501	394
8	302824083400901	394

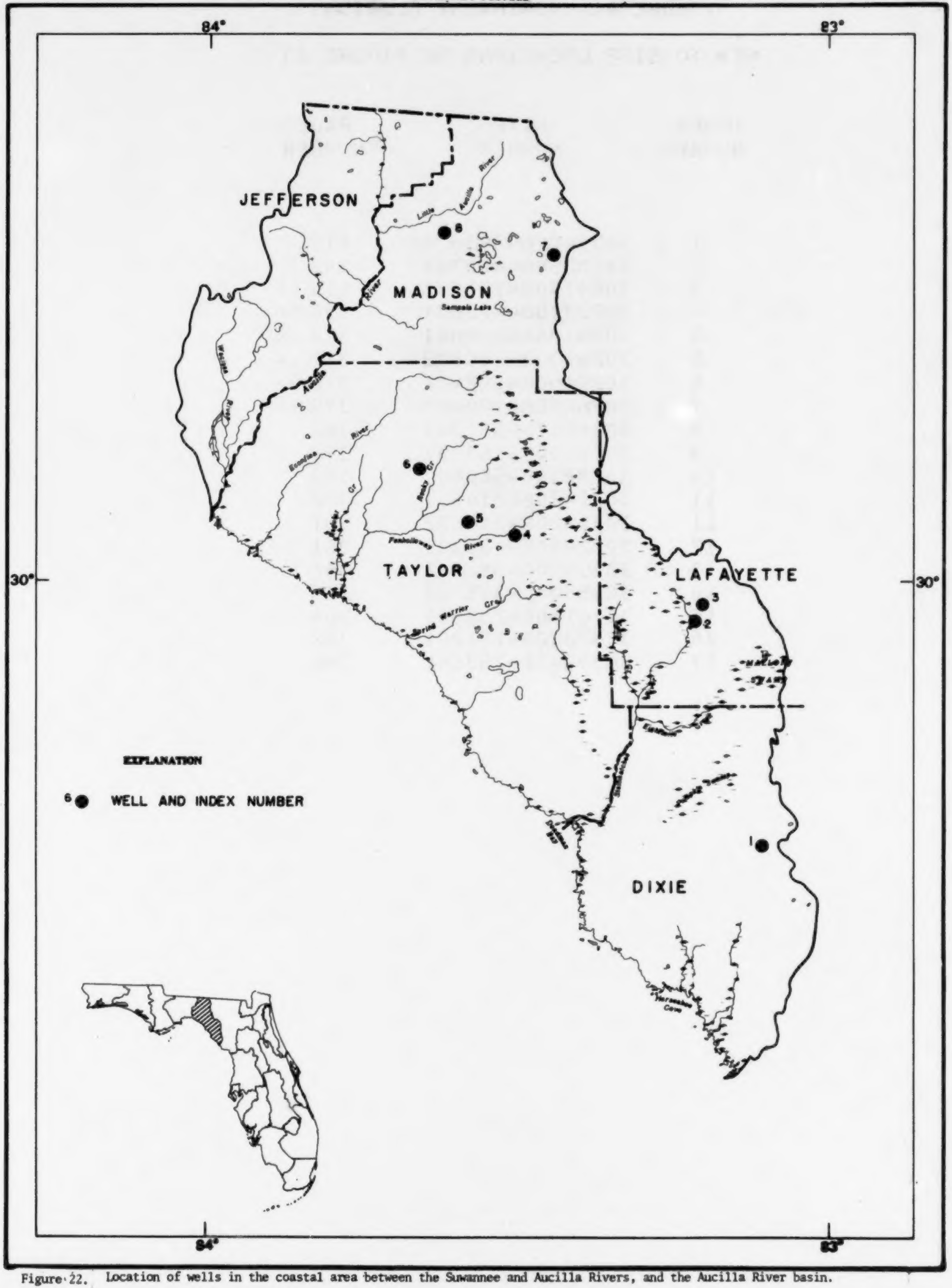
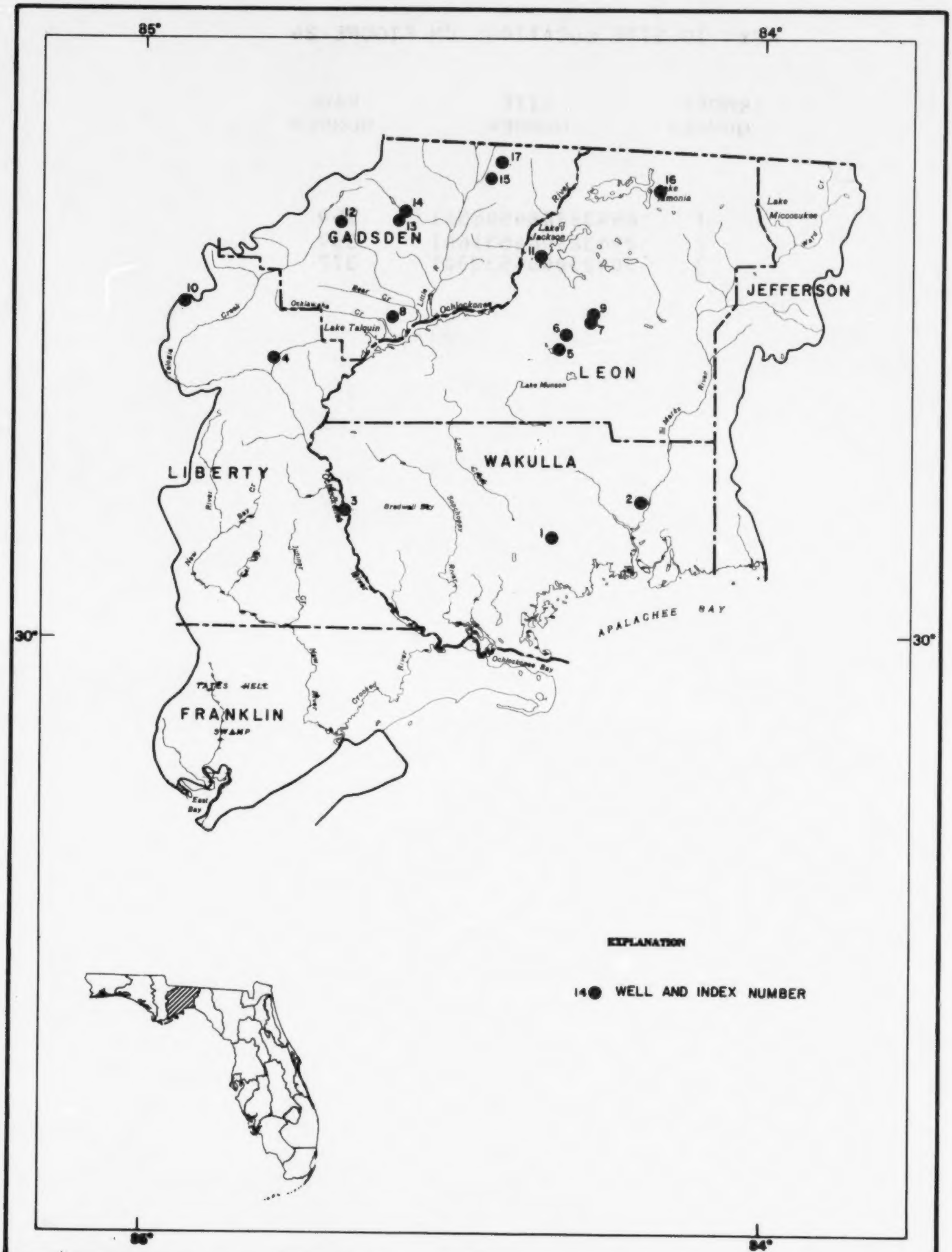

84°
83°
30°
JEFFERSON
MADISON
Sampala Lake
Little Aucilla River
Aucilla River
Wacissa River
Econfina River
TAYLOR
Fenholloway River
Spring Warrior Cr
LAFAYETTE
DIXIE
1
2
3
4
5
6
7
8
EXPLANATION
6 ● WELL AND INDEX NUMBER

Figure 22. Location of wells in the coastal area between the Suwannee and Aucilla Rivers, and the Aucilla River basin.

KEY TO SITE LOCATIONS ON FIGURE 23

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	300740084293001	413
2	301035084403701	392
3	300917084121301	414
4	302321084473501	392
5	302410084200001	376
5	302410084200002	377
6	302518084192401	378
7	302640084170001	379
8	302650084362301	360
9	302710084163001	379
10	302823084560601	393
11	303142084214601	380
11	303142084214602	381
12	303243084430301	361
13	303500084363801	362
14	303550084345001	363
15	303614084280601	364
16	303728084101201	382
17	303939084253601	365


85°
84°
30°
GADSDEN
LEON
JEFFERSON
WAKULLA
LIBERTY
FRANKLIN
Lake Talquin
Lake Jackson
Lake Iamonia
Lake Miccosukee
Lake Munson
Ochlockonee
Ochlawaha Cr
Bear Cr
Little R
River
Telogia Creek
New River
Bay Cr
Bradwell Bay
St Marks River
APALACHEE BAY
Ochlockonee Bay
Crooked River
TATES HELL SWAMP
East Bay
1
2
3
4
5
6
7
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11
12
13
14
15
16
17
EXPLANATION
14 WELL AND INDEX NUMBER

Figure 23. Location of wells in the coastal area between the Aucilla and Ochlockonee Rivers, and in the St. Marks, Wakulla, and Ochlockonee River basins.

KEY TO SITE LOCATIONS ON FIGURE 24

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	294327084585501	359
2	294321084531601	359
3	304230084532301	372

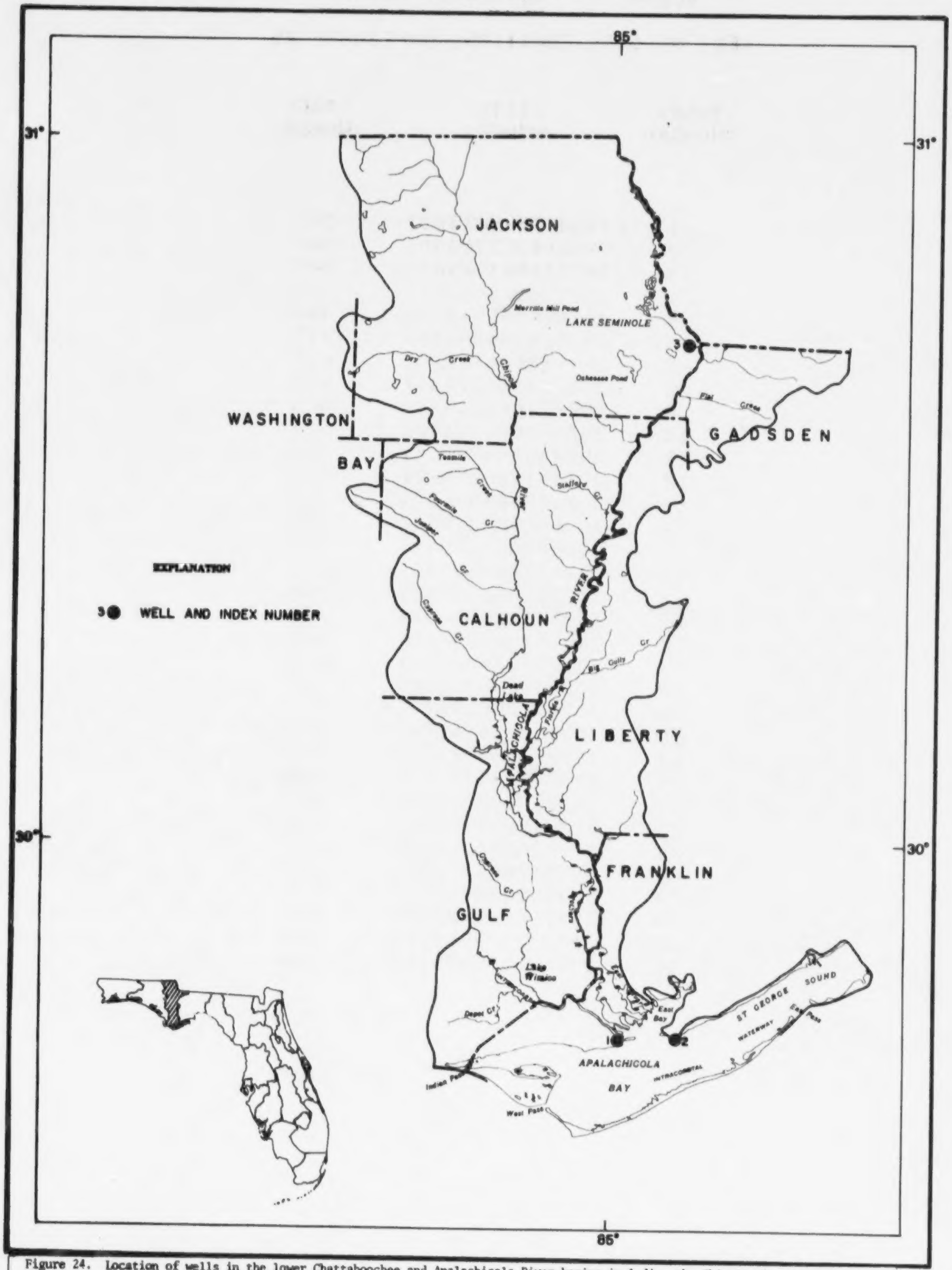
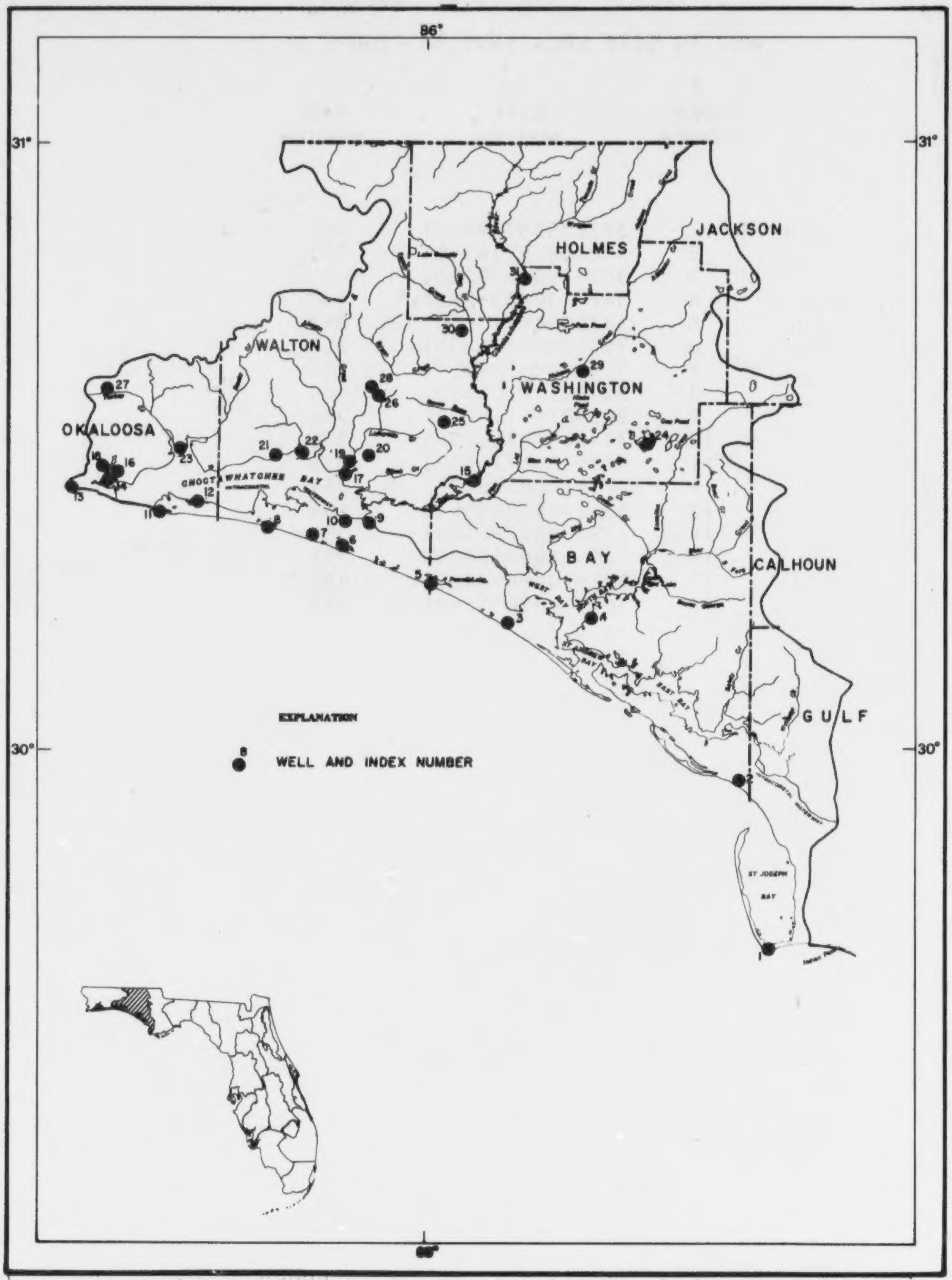

85°
31°
31°
JACKSON
Merritts Mill Pond
LAKE SEMINOLE
3
Dry Creek
Chipola
Ocheesee Pond
Flat Creek
WASHINGTON
GADSDEN
BAY
Tenmile Creek
Stafford Cr
Fourmile Cr
Juniper Cr
EXPLANATION
3● WELL AND INDEX NUMBER
RIVER
Cypress Cr
CALHOUN
Big Gully Cr
Dead Lake
APALACHICOLA
LIBERTY
30°
30°
Cypress Cr
FRANKLIN
GULF
Lake Wimico
Depot Cr
East Bay
1
2
ST GEORGE SOUND
WATERWAY
APALACHICOLA
BAY
INTRACOASTAL
Indian Pass
West Pass
85°

Figure 24. Location of wells in the lower Chattahoochee and Apalachicola River basins including the Chipola River basin, coastal areas and offshore islands.

KEY TO SITE LOCATIONS ON FIGURE 25

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	293958085211801	368
2	295645085243901	345
3	301210085505901	345
4	301250085412801	346
5	301626085592501	346
6	301946086095701	415
7	302058086143201	415
8	302231086214301	416
9	302221086065201	416
10	302357086100701	417
11	302338086352601	396
12	302341086294401	396
13	302442086394001	398
14	302606086370502	398
14	302609086375401	399
15	302637085543301	417
16	302739086364801	399
17	302721086101401	418
18	302747086382001	400
19	302723086094501	418
20	302935086074501	420
21	302841086195201	419
22	302912086145801	419
23	302857086285201	401
24	303025085350501	422
24	303025085350502	423
25	303214085580401	420
26	303426086061101	421
27	303512086375101	402
28	303545086064601	421
29	303714085422601	424
30	304322085561401	371
31	304632085485101	424


86°
31°
31°
30°
30°
86°
JACKSON
HOLMES
WALTON
WASHINGTON
OKALOOSA
BAY
CALHOUN
GULF
CHOCTAWHATCHEE BAY
WEST BAY
EAST BAY
ST JOSEPH BAY
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
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31
EXPLANATION
8
WELL AND INDEX NUMBER

Figure 25. Location of wells in the Pea River basin, Choctawhatchee River below Pea River, and inflow to and coastal areas for St. Andrews and Choctawatchee Bays.

KEY TO SITE LOCATIONS ON FIGURE 26

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
-	302135087094501	403
2	302308087163501	351
3	302409086523501	403
4	302419086362601	397
5	302658087130301	352
6	303108087162301	353
7	303208087241101	354
8	303521087064001	404
9	303527087140001	354
10	303558087155501	355
11	303610087165001	356
12	303614087190901	357
13	304102086495501	404
14	305450087264001	358
14	305450087264002	358
15	305940086580601	405
16	302346086352401	397

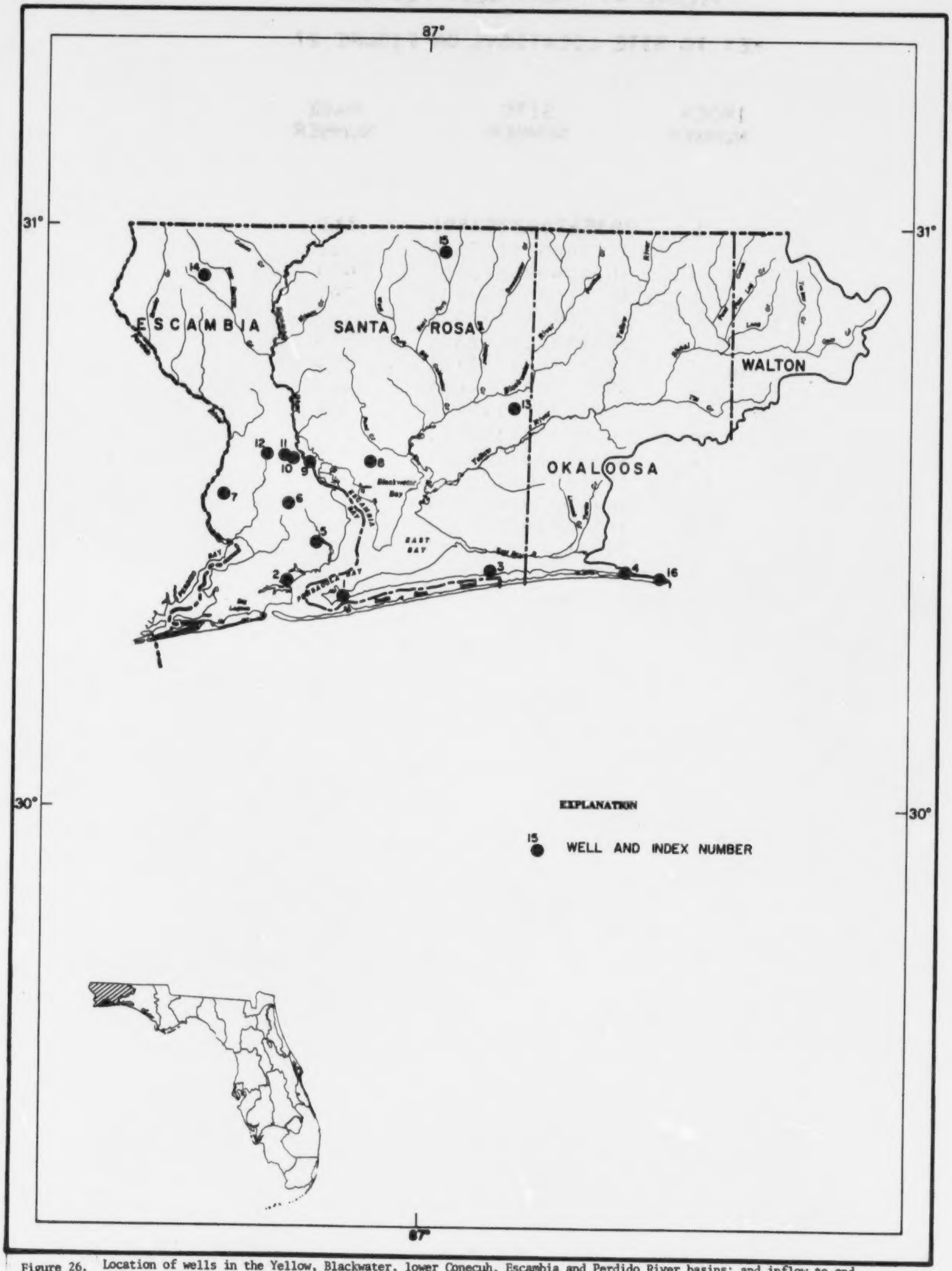
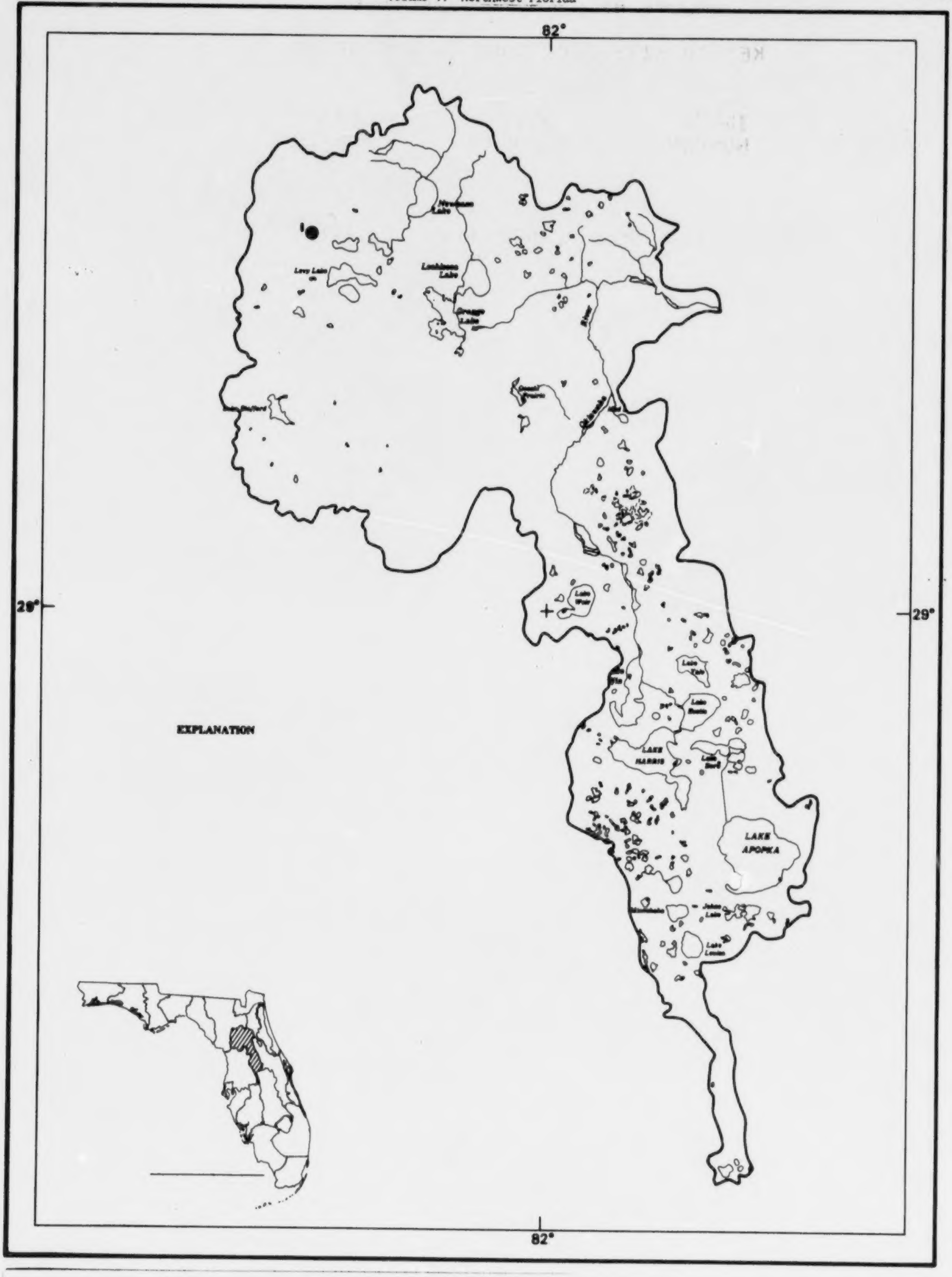

87°
31°
30°
ESCAMBIA
SANTA ROSA
WALTON
OKALOOSA
Blackwater Bay
EAST BAY
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
EXPLANATION
15
WELL AND INDEX NUMBER

Figure 26. Location of wells in the Yellow, Blackwater, lower Conecuh, Escambia and Perdido River basins; and inflow to and coastal areas for Escambia and Perdido Bays.

KEY TO SITE LOCATIONS ON FIGURE 27

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	293542082253801	341


82°
1
Newnans Lake
Levy Lake
Lochloosa Lake
Orange Lake
River
Ocklawaha
29°
Lake Weir
Lake Yale
Lake Eustis
LAKE HARRIS
Lake Dora
LAKE APOPKA
Johns Lake
Lake Louisa
EXPLANATION
82°

ALACHUA COUNTY

WELL NUMBER.--293542082253801. Local number 935-225-1, U.S. Geological Survey.

LOCATION.--Lat 29°35'42", long 82°25'38", in SE¼ SW¼ NE¼ sec. 29, T.10 S., R.19 E., Hydrologic Unit 03080102, 2.7 mi (4.3 km) southwest of intersection of Interstate 75 and State Highway 24 and 5.6 mi (9.0 km) northeast of Archer, Fla.

DESCRIPTION.--Drilled, observation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 81 ft (25 m), cased to 55 ft (17 m).

PERIOD OF RECORD.--February 1974 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 77.05 ft (23.485 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 45.50 ft (13.87 m) above msl Oct. 23; lowest, 42.98 ft (13.10 m) above msl May 4.
Period of record: Highest water level, 45.92 ft (14.00 m) above msl Oct. 29, 1974; lowest, 42.45 ft (12.94 m) above msl July 21, 1975.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 23	45.50	May 4	42.98
Dec. 30	44.61	July 13	43.79
Mar. 11	43.95	Sept 14	43.26

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WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ALACHUA COUNTY

WELL NUMBER.--293620082362301. Local number 936-236-1, U.S. Geological Survey.

LOCATION.--Lat 29°36'20", long 82°36'23", in NW¼ SW¼ NW¼ sec. 22, T.10 S., R.17 E., Hydrologic Unit 03110101, 3.0 mi (4.8 km) south of Newberry, Fla. and 6.5 mi (10.5 km) north of Archer.

DESCRIPTION.--Drilled test artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 in (20 cm), depth 252 ft (77 m), cased to 136 ft (42 m).

PERIOD OF RECORD.--July 1958 to current year. Published since August 1958.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of coupling, 4.00 ft (1.22 m) above lsd. Land surface datum is 72.27 ft (22.028 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 42.03 ft (12.81 m) above msl Nov. 30, Dec. 1-4; lowest, 39.87 ft (12.15 m) above msl June 17-20.
Period of record: Highest water level, 54.63 ft (16.65 m) above msl Oct. 7, 1965; lowest 38.71 ft (11.80 m) above msl Jan. 14, 1964.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.05	41.85	42.03	41.76	41.48	41.26	40.95	40.52	40.05	39.92	40.16	40.31
2	41.08	41.87	42.03	41.74	41.47	41.25	40.94	40.50	40.03	39.93	40.17	40.32
3	41.12	41.88	42.03	41.72	41.44	41.24	40.93	40.49	40.02	39.94	40.18	40.33
4	41.15	41.90	42.03	41.71	41.42	41.23	40.92	40.47	40.01	39.95	40.19	40.35
5	41.18	41.91	42.02	41.70	41.41	41.22	40.91	40.45	40.00	39.96	40.19	40.35
6	41.22	41.92	42.02	41.68	41.40	41.22	40.90	40.44	39.98	39.97	40.20	40.37
7	41.25	41.93	42.02	41.67	41.40	41.21	40.89	40.43	39.97	39.97	40.21	40.41
8	41.28	41.94	42.01	41.67	41.39	41.20	40.87	40.41	39.95	39.98	40.21	40.44
9	41.32	41.95	42.01	41.66	41.39	41.19	40.87	40.40	39.93	39.99	40.21	40.50
10	41.35	41.96	42.01	41.64	41.37	41.18	40.85	40.38	39.92	40.01	40.21	40.57
11	41.38	41.96	42.00	41.63	41.37	41.17	40.83	40.37	39.92	40.02	40.21	40.62
12	41.42	41.97	42.00	41.63	41.37	41.15	40.82	40.35	39.91	40.03	40.22	40.68
13	41.44	41.97	41.99	41.63	41.36	41.14	40.81	40.34	39.90	40.04	40.22	40.74
14	41.47	41.97	41.97	41.62	41.35	41.13	40.80	40.32	39.89	40.05	40.22	40.79
15	41.50	41.98	41.97	41.61	41.34	41.13	40.79	40.30	39.88	40.07	40.23	40.84
16	41.54	41.98	41.96	41.61	41.33	41.12	40.77	40.28	39.88	40.08	40.23	40.88
17	41.57	41.98	41.95	41.61	41.33	41.12	40.76	40.27	39.87	40.08	40.23	40.92
18	41.58	41.99	41.95	41.59	41.33	41.11	40.75	40.25	39.87	40.08	40.24	40.97
19	41.61	41.99	41.92	41.57	41.32	41.09	40.73	40.24	39.87	40.08	40.24	41.00
20	41.63	41.99	41.92	41.56	41.32	41.08	40.72	40.22	39.87	40.08	40.24	41.04
21	41.66	42.00	41.91	41.55	41.32	41.07	40.71	40.20	39.88	40.09	40.25	41.07
22	41.68	42.00	41.90	41.55	41.31	41.06	40.69	40.19	39.88	40.10	40.25	41.10
23	41.70	42.00	41.89	41.54	41.30	41.04	40.68	40.18	39.89	40.12	40.26	41.13
24	41.72	42.01	41.87	41.54	41.28	41.03	40.66	40.17	39.90	40.13	40.26	41.16
25	41.74	42.01	41.86	41.53	41.28	41.02	40.63	40.15	39.90	40.15	40.27	41.18
26	41.76	42.01	41.85	41.52	41.27	41.01	40.62	40.13	39.91	40.16	40.27	41.21
27	41.77	42.02	41.83	41.51	41.27	40.99	40.56	40.11	39.91	40.16	40.28	41.23
28	41.79	42.02	41.82	41.50	41.27	40.97	40.55	40.10	39.91	40.16	40.29	41.25
29	41.81	42.02	41.80	41.49	41.27	40.97	40.54	40.09	39.92	40.15	40.29	41.27
30	41.82	42.03	41.77	41.48	---	40.97	40.53	40.07	39.92	40.15	40.30	41.28
31	41.83	---	41.77	41.47	---	40.96	---	40.06	---	40.16	40.31	---
MEAN	41.50	41.97	41.94	41.60	41.35	41.11	40.77	40.29	39.92	40.06	40.23	40.81
MAX	41.83	42.03	42.03	41.76	41.48	41.26	40.95	40.52	40.05	40.16	40.31	41.28
MIN	41.05	41.85	41.77	41.47	41.27	40.96	40.53	40.06	39.87	39.92	40.16	40.31

WTR YR 1976 MEAN 40.96 MAX 42.03 MIN 39.87

ALACHUA COUNTY

WELL NUMBER.--294928082355301. Local number 949-235-2, City of High Springs.

LOCATION.--Lat 29°49'28", long 82°35'53", in NE¼ SW¼ NE¼ sec. 3, T.8 S., R.17 E., Hydrologic Unit 03110206, 200 ft (61.0 m) southwest of post office and 0.2 mi (0.3 km) south of City Hall at High Springs, Fla.

DESCRIPTION.--Drilled unused artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 10 in (25 cm), depth 300 ft (91 m), cased to 250 ft (76 m).

PERIOD OF RECORD.--June to September 1970 (bimonthly); September 1970 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; bottom of 1.5 in (3.8 cm) riser pipe, 1.00 ft (0.30 m) above lsd. Land surface datum is 72.40 ft (22.068 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 34.58 ft (10.54 m) above msl Oct. 1; lowest, 32.74 ft (9.98 m) above msl May 20.
Period of record: Highest water level, 43.42 ft (13.23 m) above msl Sept. 17, 1964; lowest, 28.07 ft (8.56 m) above msl May 6, 1969.

REMARKS.--Water levels affected by pumping of nearby wells.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.58	33.88	33.62	33.41	33.40	33.32	33.13	32.94	32.97	32.80	33.01	33.00
2	34.53	33.87	33.61	33.40	33.39	33.31	33.11	32.89	32.99	32.81	33.00	32.99
3	34.45	33.86	33.61	33.40	33.39	33.30	33.10	32.87	32.99	32.83	32.99	32.99
4	34.39	33.85	33.60	33.40	33.39	33.30	33.10	32.86	33.20	32.85	32.98	33.00
5	34.36	33.83	33.58	33.40	33.42	33.30	33.10	32.85	33.00	32.88	32.98	33.00
6	34.30	33.82	33.58	33.43	33.46	33.30	33.09	32.86	32.98	32.94	32.97	33.00
7	34.25	33.81	33.58	33.44	33.47	33.29	33.09	32.86	32.97	33.05	32.97	33.00
8	34.20	33.81	33.58	33.46	33.49	33.29	33.09	32.83	32.96	33.03	33.10	32.99
9	34.17	33.80	33.58	33.44	33.50	33.28	33.08	32.81	32.95	33.09	33.01	33.02
10	34.14	33.80	33.56	33.43	33.50	33.27	33.05	32.81	32.94	33.09	32.97	33.10
11	34.13	33.78	33.54	33.45	33.50	33.25	33.05	32.80	32.92	33.12	32.98	33.06
12	34.11	33.77	33.53	33.45	33.50	33.23	33.04	32.79	32.90	33.12	32.99	33.08
13	34.11	33.76	33.52	33.45	33.49	33.23	33.04	32.79	32.88	33.13	32.99	33.12
14	34.10	33.75	33.51	33.45	33.48	33.23	33.03	32.78	32.86	33.14	32.99	33.13
15	34.09	33.74	33.51	33.45	33.47	33.23	33.02	32.78	32.84	33.14	33.00	33.17
16	34.09	33.73	33.51	33.46	33.46	33.24	33.01	32.84	32.82	33.14	33.00	33.20
17	34.10	33.73	33.51	33.48	33.45	33.23	33.00	32.79	32.80	33.15	33.02	33.23
18	34.06	33.72	33.50	33.45	33.45	33.20	33.00	32.76	32.78	33.14	33.02	33.24
19	34.05	33.72	33.47	33.43	33.44	33.20	33.00	32.75	32.78	33.13	33.01	33.25
20	34.03	33.71	33.47	33.43	33.41	33.20	33.00	32.74	32.78	33.11	33.01	33.26
21	34.02	33.71	33.47	33.43	33.40	33.20	32.99	32.75	32.77	33.10	33.00	33.27
22	34.01	33.70	33.46	33.43	33.40	33.19	32.98	32.79	32.77	33.13	33.00	33.27
23	33.99	33.68	33.46	33.43	33.38	33.17	32.96	32.82	32.75	33.10	33.01	33.26
24	33.99	33.68	33.45	33.41	33.36	33.16	32.95	32.81	32.75	33.09	33.01	33.26
25	33.99	33.68	33.44	33.41	33.36	33.16	32.95	32.79	32.75	33.08	33.01	33.26
26	33.97	33.66	33.44	33.40	33.35	33.16	33.02	32.79	32.75	33.07	33.00	33.26
27	33.95	33.66	33.43	33.40	33.35	33.16	32.92	32.79	32.74	33.04	33.00	33.26
28	33.95	33.65	33.42	33.39	33.34	33.16	32.90	32.82	32.84	33.04	33.00	33.27
29	33.93	33.63	33.40	33.39	33.33	33.14	32.90	32.88	32.79	33.03	33.00	33.30
30	33.91	33.62	33.40	33.39	---	33.14	32.89	32.90	32.79	33.03	33.04	33.32
31	33.89	---	33.42	33.39	---	33.13	---	32.95	---	33.02	33.00	---
MEAN	34.12	33.75	33.51	33.43	33.43	33.22	33.02	32.82	32.87	33.05	33.00	33.15
MAX	34.58	33.88	33.62	33.48	33.50	33.32	33.13	32.95	33.20	33.15	33.10	33.32
MIN	33.89	33.62	33.40	33.39	33.33	33.13	32.89	32.74	32.74	32.80	32.97	32.99

WTR YR 1976 MEAN 33.28 MAX 34.58 MIN 32.74

BAKER COUNTY

WELL NUMBER.--301423082261101. Local Number Baker-15, U. S. Forest Service.

LOCATION.--Lat 30°14'23", long 82°26'11", in SW¼ SE¼ sec.8, T.3 S., R.19 E., Hydrologic Unit 03070204, 1.02 mi (1.64 m) west of Forest Road and 2.47 mi (3.97 km) north of US-90 in Olustee, Florida.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 3 in (8 cm), depth 168 ft (51 m).

PERIOD OF RECORD.--June 1957, December 1960 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; notch in 3 in (8 cm), casing, 0.5 ft (.2 m) above lsd. Land surface datum is 159.60 ft (48.646 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 57.06 ft (17.39 m) above msl Nov. 18; lowest, 54.88 ft (16.73 m) above msl May 6. Period of record: Highest water level, 67.42 ft (20.550 m) above msl March 8, 1966; lowest, 54.88 ft (16.73 m) above msl May 6, 1976.

ELEVATION, IN FEET, ABOVE MSL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 18	57.06	May 6	54.88
Jan. 20	56.18	July 13	56.86
Mar. 23	55.86	Sept 15	55.18

BAY COUNTY

WELL NUMBER.--295645085243901. Local number 956-524-1, Mexico Beach Utility Corp.

LOCATION.--Lat 29°56'45", long 85°24'39", in NE¼ NW¼ SE¼ sec. 23, T.6 S., R.12 W., Hydrologic Unit 03140101, in pumphouse 0.1 mi (0.2 km) north of U.S. Highway 98 and 0.5 mi (0.8 km) east of Mexico Beach Real Estate office in Mexico Beach, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 18 in (46 cm), depth 497 ft (152 m), cased to 424 ft (129 m).

PERIOD OF RECORD.--June 1953, October 1962, November 1964 (annually); January 1965 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of hole in pump base, 2.5 ft (0.8 m) above lsd. Land surface datum is 12 ft (3.7 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level 7.92 ft (2.41 m) below lsd Mar. 11; lowest 13.58 ft (4.14 m) below lsd July 15. Period of record: Highest water level, 5.13 ft (1.56 m) below lsd Mar. 2, 1965; lowest, 16.70 ft (5.09 m) below lsd May 11, 1970.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 13	7.94	May 13	11.17
Jan. 22	9.00	July 15	13.58
Mar. 11	7.92	Sept 23	9.97

WELL NUMBER.--301210085505901. Local number 012-550-331A, West Panama City Beach.

LOCATION.--Lat 30°12'10", long 85°50'59", in SW¼ NE¼ NE¼ sec. 28, T.3 S., R.16 W., Hydrologic Unit 03140101, about 100 ft (30.5 m) west of State Highway 30J and 0.2 mi (0.3 km) north of U.S. Highway 98 in Panama City Beach, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 590 ft (180 m), cased to 306 ft (93 m).

PERIOD OF RECORD.--February 1962 to July 1965, January 1966 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of extended casing, 5.34 ft (1.63 m) above lsd. Land surface datum is 28.52 ft (8.693 m) above mean sea level. Prior to July 1965 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 7.94 ft (2.42 m) above msl Jan. 15; lowest 4.81 ft (1.47 m) above msl Sept. 17. Period of record: Highest water level, 8.99 ft (2.74 m) above msl May 14, 1973; lowest, 14.67 ft (4.47 m) below msl Sept. 1, 1970.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 13	6.91	May 5	7.03
Jan. 15	7.94	July 15	6.22
Mar. 4	7.61	Sept 17	4.81

BAY COUNTY

WELL NUMBER.--301250085412801. Local number 012-541-213, Panama City Airport Authority.

LOCATION.--Lat 30°12'50", long 85°41'28", in NW¼ SW¼ NW¼ sec. 19, T.3 S., R.14 W., Hydrologic Unit 03140101, 200 ft (61.0 m) north of Frankford Ave., 1.4 mi (2.3 km) north of State Highway 390 and 3.6 mi (5.8 km) northwest of Panama City, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 345 ft (105 m), cased to 326 ft (99 m).

PERIOD OF RECORD.--February 1962 to September 1965, March 1966 to December 1968 (monthly); January 1969 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing 1.50 ft (0.46 m) above lsd. Land surface datum is 4.03 ft (1.228 m) above mean sea level. Prior to September 1965 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level 3.31 ft (1.00 m) above msl Jan. 22; lowest 1.74 ft (0.53 m) above msl July 15.
Period of record: Highest water level, 4.84 ft (1.48 m) above msl Mar. 6, 1969; lowest, 6.88 ft (2.10 m) below msl June 9, 1975.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 13	3.20	May 13	2.43
Jan. 22	3.31	July 15	1.74
Mar. 4	2.81	Sept 17	1.85

WELL NUMBER.--301626085592501. Local number 016-559-411, Avondale Mills.

LOCATION.--Lat 30°16'26", long 85°59'25", in NW¼ NE¼ SW¼ sec. 31, T.2 S., R.17 W., Hydrologic Unit 03140101, 0.4 mi (0.6 km) east of Walton - Bay county line and 6.1 mi (9.8 km) northwest of Panama City Beach, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 in (20 cm), depth 482 ft (147 m),length of casing unknown.

PERIOD OF RECORD.--December 1961 to December 1963 (monthly); October 1968 to September 1970 (bimonthly); July 1974 (annually); March 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of airline hole; 1.95 ft (0.59 m) above lsd. Land surface datum is 22.13 ft (6.745 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 10.43 ft (3.18 m) above msl Mar. 4; lowest, 6.25 ft (1.90 m) above msl July 15.
Period of record: Highest water level, 13.07 ft (3.98 m) above msl Feb. 19, 1963; lowest, 6.25 ft (1.90 m) above msl July 15, 1976.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO September 1976

Nov. 13	9.98	May 5	8.65
Jan. 15	10.36	July 15	6.25
Mar. 4	10.43	Sept 17	6.95

BRADFORD COUNTY

WELL NUMBER.--300020082103001. Local number 000-210-2, U.S. Geological Survey.

LOCATION.--Lat 30°00'20", long 82°10'30", in SW¼ SW¼ NE¼ sec. 2, T.6 S., R.21 E., Hydrologic Unit 03110206, 1.0 mi (1.6 km) southeast of intersection of State Highway 229 and 229A and 5.0 mi (8.0 km) northwest of Starke, Fla.

DESCRIPTION.--Drilled, observation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 294 ft (90 m), cased to 247 ft (75 m).

PERIOD OF RECORD.--June 1959 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of 4 in (10 cm) plug, 2.13 ft (0.65 m) above lsd. Land surface datum is 137.52 ft (41.92 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 61.03 ft (18.60 m) above msl Oct. 23; lowest 58.31 ft (17.77 m) above msl May 4. Period of record: Highest water level, 68.35 ft (20.83 m) above msl Nov. 2, 1960; lowest 58.31 ft (17.77 m) above msl May 4. 1976.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 23	61.03	May 4	58.31
Dec. 31	60.28	July 13	59.06
Mar. 11	59.42	Sept 15	58.49

COLUMBIA COUNTY

WELL NUMBER.--301031082381001. Local number 9, (010-238-1), City of Lake City.

LOCATION.--Lat 30°10'31", long 82°38'10". in SE¼ NE¼ NW¼ sec. 5, T.4 S., R. 17 E., Hydrologic Unit 03110206, 0.1 mi (0.2 km) east of U.S. Highway 441 and 1.0 mi (1.6 km) south of intersection of U.S. Highway 441 and U.S. Highway 90 at Lake City, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 12 in (30 cm), depth 836 ft (255 m), cased to 680 ft (207 m).

PERIOD OF RECORD.--July 1942 (annually); June 1948 to current year. Published since June 1948.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing at lsd. Land surface datum is 143.64 ft (43.781 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 51.49 ft (15.69 m) above msl Oct. 17; lowest, 48.81 ft (14.88 m) above msl Sept. 23. Period of record: Highest water level, 64.11 ft (19.54 m) above msl June 4, 1948; lowest, 46.44 ft (14.16 m) above msl Jan. 19, 1957.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.34	51.07	50.84	50.51	50.62	49.87	49.70	49.40	49.14	49.27	49.44	49.13
2	51.34	51.09	50.82	50.44	50.30	49.84	49.61	49.36	49.17	49.24	49.41	49.12
3	51.19	51.12	50.79	50.48	50.15	49.82	49.61	49.31	49.18	49.21	49.34	49.11
4	51.19	51.09	50.72	50.42	50.04	49.80	49.67	49.19	49.14	49.26	49.28	49.14
5	51.24	51.05	50.65	50.28	50.04	49.75	49.67	49.12	49.07	49.29	49.30	49.18
6	51.24	51.12	50.65	50.34	50.14	49.79	49.73	49.14	49.08	49.28	49.34	49.15
7	51.27	51.14	50.74	50.50	50.14	49.81	49.75	49.18	49.07	49.29	49.38	49.11
8	51.24	51.14	50.82	50.55	50.15	49.94	49.78	49.17	49.19	49.29	49.44	49.04
9	51.21	51.14	50.94	50.29	50.09	50.09	49.73	49.17	49.18	49.32	49.41	49.06
10	51.23	51.14	50.89	50.17	49.96	49.96	49.46	49.14	49.18	49.33	49.33	49.14
11	51.24	51.13	50.74	50.34	50.04	49.80	49.46	49.20	49.24	49.35	49.24	49.09
12	51.24	51.24	50.59	50.34	49.96	49.84	49.45	49.19	49.20	49.40	49.23	49.00
13	51.22	51.23	50.54	50.34	49.94	49.84	49.44	49.14	49.11	49.42	49.30	48.98
14	51.23	51.05	50.49	50.33	49.87	49.80	49.44	49.19	49.10	49.36	49.29	49.07
15	51.24	50.94	50.62	50.28	49.86	49.86	49.43	49.24	49.14	49.34	49.26	49.04
16	51.34	50.98	50.66	50.50	49.94	50.02	49.35	49.22	49.18	49.34	49.25	49.07
17	51.49	50.94	50.72	50.51	49.94	49.84	49.33	49.24	49.14	49.34	49.29	49.01
18	51.42	50.89	50.72	50.17	50.00	49.65	49.34	49.26	49.13	49.34	49.28	48.99
19	51.30	50.93	50.54	50.03	50.02	49.73	49.44	49.16	49.16	49.25	49.29	49.03
20	51.24	51.04	50.55	50.13	49.97	49.77	49.47	49.05	49.24	49.24	49.30	49.07
21	51.24	51.04	50.62	50.24	49.94	49.78	49.47	49.13	49.23	49.32	49.20	49.13
22	51.31	51.02	50.62	50.22	50.03	49.72	49.44	49.25	49.16	49.28	49.24	49.09
23	51.27	50.89	50.60	50.24	49.84	49.61	49.42	49.52	49.12	49.29	49.24	48.91
24	51.30	50.91	50.54	50.25	49.70	49.61	49.43	49.51	49.20	49.34	49.23	48.93
25	51.27	50.91	50.67	50.24	49.81	49.70	49.50	49.35	49.24	49.37	49.15	48.97
26	51.29	50.86	50.72	50.24	49.87	49.70	49.51	49.26	49.17	49.34	49.14	48.96
27	51.24	50.93	50.62	50.18	49.93	49.74	49.37	49.16	49.13	49.35	49.10	48.94
28	51.19	50.83	50.53	50.13	49.94	49.74	49.34	49.24	49.20	49.34	49.09	48.97
29	51.18	50.74	50.47	50.24	49.94	49.67	49.33	49.24	49.27	49.31	49.07	48.98
30	51.22	50.74	50.63	50.28	---	49.74	49.37	49.21	49.28	49.34	49.11	49.03
31	51.11	---	50.69	50.27	---	49.74	---	49.15	---	49.43	49.10	---
MEAN	51.26	51.01	50.67	50.31	50.01	49.79	49.50	49.23	49.17	49.32	49.26	49.05
MAX	51.49	51.24	50.94	50.55	50.62	50.09	49.78	49.52	49.28	49.43	49.44	49.18
MIN	51.11	50.74	50.47	50.03	49.70	49.61	49.33	49.05	49.07	49.21	49.07	48.91

WTR YR 1976 MEAN 49.88 MAX 51.49 MIN 48.91

COLUMBIA COUNTY

WELL NUMBER.--302930082352901. Local number 029-235-1, Florida Forest Service.

LOCATION.--Lat 30°29'30", long 82°35'29", in NW¼ SW¼ SW¼ sec. 14, T.1 N., R.17 E., Hydrologic Unit 03110201, at abandoned Benton Fire Tower site, 4.3 mi (6.9 km) east of U.S. Highway 441 and 21 mi (34 km) north of Lake City, Fla.

DESCRIPTION.--Drilled unused artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 to 4 in (15 to 10 cm), depth 228 ft (70 m), cased to 102 ft (31 m).

PERIOD OF RECORD.--April 1975 to July 1975 (bimonthly), July 1975 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of 6 in (15 cm) extended casing, 3.0 ft (0.91 m) above lsd. Land surface datum is 130 ft (39.6 m) above mean sea level (from topographic map). Prior to July 31, 1975, tape measured.

EXTREMES.--Current year: Highest water level, 10.11 ft (3.08 m) below lsd Oct. 1; lowest, 12.34 ft (3.76 m) below lsd May 14.
Period of record: Highest water level, 9.63 ft (2.94 m) below lsd Sept. 11-13, 1975; lowest, 12.34 ft (3.76 m) below lsd May 14, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.11	10.62	11.53	11.77	11.46	11.66	10.92	12.16	10.48	10.30	10.64	11.34
2	10.16	10.68	11.53	11.73	11.46	11.70	10.92	12.17	10.47	10.28	10.63	11.33
3	10.23	10.75	11.56	11.68	11.46	11.74	10.92	12.17	10.46	10.26	10.63	11.33
4	10.31	10.81	11.60	11.68	11.43	11.78	10.94	12.18	10.46	10.24	10.62	11.28
5	10.36	10.85	11.61	11.68	11.38	11.81	10.97	12.22	10.47	10.25	10.62	11.25
6	10.40	10.90	11.61	11.66	11.36	11.84	11.00	12.24	10.48	10.26	10.63	11.14
7	10.38	10.92	11.61	11.62	11.36	11.86	11.05	12.29	10.50	10.29	10.66	11.07
8	10.32	10.95	11.62	11.58	11.34	11.89	11.10	12.30	10.51	10.32	10.67	11.01
9	10.32	10.96	11.62	11.58	11.34	11.71	11.15	12.30	10.55	10.35	10.68	10.95
10	10.24	10.96	11.62	11.53	11.34	11.63	11.20	12.30	10.61	10.38	10.69	10.86
11	10.23	10.98	11.62	11.48	11.34	11.57	11.27	12.28	10.66	10.42	10.73	10.84
12	10.22	10.99	11.63	11.46	11.35	11.46	11.32	12.28	10.72	10.47	10.76	10.82
13	10.23	10.99	11.66	11.44	11.38	11.37	11.37	12.31	10.80	10.47	10.77	10.79
14	10.20	10.99	11.66	11.44	11.42	11.31	11.41	12.30	10.87	10.50	10.77	10.73
15	10.23	10.99	11.71	11.44	11.46	11.22	11.46	12.09	10.94	10.59	10.76	10.72
16	10.23	10.99	11.71	11.44	11.49	11.11	11.51	11.94	10.99	10.68	10.76	10.71
17	10.24	10.99	11.71	11.43	11.51	11.10	11.56	11.80	11.06	10.70	10.77	10.71
18	10.24	11.00	11.74	11.43	11.53	11.06	11.61	11.70	11.07	10.70	10.77	10.72
19	10.20	11.01	11.81	11.48	11.57	11.01	11.64	11.64	11.03	10.67	10.79	10.73
20	10.25	11.08	11.81	11.50	11.57	10.99	11.66	11.58	10.96	10.63	10.82	10.76
21	10.25	11.16	11.87	11.51	11.57	10.97	11.69	11.54	10.84	10.60	10.87	10.80
22	10.24	11.16	11.87	11.53	11.57	10.97	11.72	11.35	10.76	10.59	10.91	10.85
23	10.25	11.23	11.89	11.56	11.57	10.97	11.77	11.12	10.65	10.58	10.96	10.94
24	10.24	11.28	11.89	11.57	11.57	10.97	11.85	11.02	10.56	10.58	11.02	10.97
25	10.25	11.28	11.90	11.59	11.59	10.97	11.90	10.86	10.51	10.59	11.08	10.90
26	10.25	11.33	11.95	11.61	11.59	10.97	11.92	10.78	10.48	10.63	11.15	10.84
27	10.29	11.37	12.00	11.64	11.59	11.01	11.97	10.70	10.47	10.67	11.20	10.80
28	10.37	11.41	12.00	11.65	11.61	11.01	12.03	10.61	10.39	10.73	11.26	10.76
29	10.41	11.46	11.95	11.62	11.63	10.97	12.09	10.56	10.36	10.78	11.33	10.72
30	10.44	11.50	11.90	11.59	---	10.93	12.14	10.53	10.33	10.73	11.36	10.70
31	10.56	---	11.80	11.58	---	10.92	---	10.52	---	10.67	11.37	---
MONTH	10.11	10.62	11.53	11.43	11.34	10.92	10.92	10.52	10.33	10.24	10.62	10.70

YEAR MAX 12.31 MIN 10.11 MEAN 11.12

DIXIE COUNTY

WELL NUMBER.--293731083061801. Local number 15, (937-306-1), Cross City.

LOCATION.--Lat. 29°37'31", long 83°06'18", in SW¼ NE¼ SE¼ sec. 10, T.10 S., R.12 E., Hydrologic Unit 03110102, 0.1 mi (0.2 km) north of U.S. Highway 19 and 1.0 mi (1.6 km) east of Cross City, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 in (20 cm), depth 215 ft (65 m), cased to 105 ft (32 m).

PERIOD OF RECORD.--June 1957 to April 1963; April 1963 to July 1964 (bimonthly); January 1965 to July 1974 (semiannually), January 1975 to current year (bimonthly). Published since June 1957.

INSTRUMENTATION.--Tape measured. Measuring point; top of coupling, 0.80 ft (0.24 m) above lsd. Land surface datum is 40.17 ft (12.244 m) above mean sea level. Prior to April 19, 1963 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level 35.02 ft (10.67 m) above msl Oct. 20; lowest 32.13 ft (9.79 m) above msl May 10. Period of record: Highest water level, 39.33 ft (11.98 m) above msl Sept. 19, 1959; lowest, 30.90 ft (9.41 m) above msl June 7, 1962.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 20	35.02	May 10	32.13
Dec. 30	33.41	July 14	33.60
Mar. 12	33.31	Sept. 14	33.85
Apr. 26	32.48		

ESCAMBIA COUNTY

WELL NUMBER.—302308087163501. Local number 39, 023-716-1, Irving B. Hanna.

LOCATION.--Lat 30°23'08", long 87°16'35", in land grant 51, T.2 S., R.30 W., Hydrologic Unit 03140105, 45 ft (14 km) north of East Winthrop Avenue and 140 ft (43 m) east of First Street in Warrington, Fla.

DESCRIPTION.--Drilled, unused, artesian well in sand and gravel aquifer (Geologic Unit 120NFSG), diam 3 in (8 cm), depth 244 ft (74 m), cased to 92 ft (28 m), screened 92 to 99 ft (28 to 30 m), 156 to 170 ft (48 to 52 m), and 232 to 244 ft (71 to 74 m).

PERIOD OF RECORD.--June 1940 to October 1962 (weekly); October 1962 to current year (monthly).

INSTRUMENTATION.-- Tape measured. Measuring point; top of coupling, 1.0 ft (0.3 m) above lsd. Land surface datum is 9.91 ft (3.021 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 2.79 ft (0.85 m) above msl Dec. 8, lowest, 1.86 ft (0.57 m) below msl Aug. 9.
Period of record: Highest water level, 6.05 ft (1.84 m) above msl Aug. 13, 1940; lowest, 8.35 ft (2.54 m) below msl Aug. 5, 1968.

ELEVATION, IN FEET ABOVE AND BELOW (-) MEAN SEA LEVEL OCTOBER 1975 TO SEPTEMBER 1976

Nov. 10	2.21
Dec. 8	2.79
Jan. 13	1.17
Feb. 9	2.17
Mar. 8	1.89
Apr 12	0.51
May 10	-0.42
June 7	1.24
July 9	0.36
Aug. 9	-1.86
Sept 13	-0.19

ESCAMBIA COUNTY

WELL NUMBER.--302658087130301. Local number 026-713-5, U.S. Geological Survey.

LOCATION.--Lat 30°26'58", long 87°13'03", in land grant 4, T.2S., R.30W., Hydrologic Unit 03140105, 33 ft (10.1 m) west of State Highway 291 (Alcaniz Street) and 0.3 mi (0.5 km) south of State Highway 289 (Fairfield Drive) in Pensacola, Fla.

DESCRIPTION.--Drilled observation artesian well in sand and gravel aquifer (Geologic Unit 120NFSG), diam 4 in (10 cm), depth 149 ft (46 m), cased to 144 ft (44 m), screened from 144 to 149 ft (44 to 46 m).

PERIOD OF RECORD.--July 1959 to July 1962; October 1962 to current year (weekly).

INSTRUMENTATION.--Tape measured. Measuring point; top of plug, 2.71 ft (0.83 m) above lsd. Land surface datum is 89.41 ft (27.252 m) above mean sea level. Prior to July 25, 1962 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 27.70 ft (8.44 m) above msl Sept. 27; lowest, 24.85 ft (7.57 m) above msl Oct. 8.
Period of record: Highest water level, 31.68 ft (9.66 m) above msl Feb. 5, 1962; lowest, 19.33 ft (5.89 m) above msl Feb. 19, 1973.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	26.56	---	---	27.11	---	---	---	---	---	---
2	---	---	---	---	26.83	---	---	---	---	---	26.82	---
3	---	25.75	---	---	---	---	---	26.84	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	26.99	---	---	---	---	---
6	---	---	---	26.62	---	---	---	---	---	26.86	---	27.10
7	---	---	---	---	---	---	---	---	27.32	---	---	---
8	24.85	---	26.60	---	---	27.23	---	---	---	---	---	---
9	---	---	---	---	27.07	---	---	---	---	---	26.51	---
10	---	26.21	---	---	---	---	---	26.56	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	26.25	---	---	27.35	---	---
13	24.89	---	---	26.90	---	---	---	---	26.29	---	---	27.51
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	26.56	---	---	27.47	---	---	---	---	---	---
16	---	---	---	---	26.68	---	---	---	---	---	25.98	---
17	---	26.43	---	---	---	---	---	27.05	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	26.52	---	---	26.37	---	---	27.04	---	---
20	25.39	---	---	---	---	---	---	---	---	---	---	27.23
21	---	---	---	---	---	---	---	---	26.73	---	---	---
22	---	---	---	---	---	27.06	---	---	---	---	---	---
23	---	---	26.58	---	26.97	---	---	---	---	---	26.63	---
24	---	26.59	---	---	---	---	---	27.05	---	---	---	---
25	---	---	---	---	---	---	---	---	---	26.65	---	---
26	---	---	---	26.81	---	---	26.62	---	---	---	---	---
27	25.70	---	---	---	---	---	---	---	---	---	---	27.70
28	---	---	---	---	---	---	---	---	26.05	---	---	---
29	---	---	27.03	---	---	27.35	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	27.01	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

ESCAMBIA COUNTY

WELL NUMBER.--303108087162301. Local number 46, 031-716-1, U.S. Geological Survey.

LOCATION.--Lat 30°31'08", long 87°16'23", in SE¼ SE¼ SW¼ sec. 11, T.1 S., R.30 W., Hydrologic Unit 03140107, 24 ft (7.3 m) west of Pensacola Boulevard, (U.S. Highway 29), 175 ft (53.3 m) north of Detroit Boulevard and 0.4 mi (0.6 km) west of State Highway 95A, (Old Palafox Highway), in Ensley, Fla.

DESCRIPTION.--Drilled observation artesian well in sand and gravel aquifer (Geologic Unit 120HFSG), diam 4 in (10 cm), depth 239 ft (73 m), cased to 229 ft (70 m), screened from 229 to 239 ft (70 to 73 m).

PERIOD OF RECORD.--December 1939 to June 1940 (weekly); June 1940 to May 1955; January 1955 to current year (weekly). Published since December 14, 1939.

INSTRUMENTATION.--Tape measured. Measuring point; top of flange cover, 1.10 ft (0.34 m) above lsd. Land surface datum is 131.52 ft (40.087 m) above mean sea level. June 8, 1940 to May 15, 1955 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 54.31 ft (16.55 m) above msl Sept 27; lowest, 50.71 ft (15.46 m) above msl Nov. 10.
Period of record: Highest water level, 75.07 ft (22.88 m) above msl Sept. 23, 1948; lowest 48.27 ft (14.71 m) above msl Nov. 27, 1972.

FLEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	51.82	---	---	52.26	---	---	---	---	---	---
2	---	---	---	---	52.65	---	---	---	---	---	54.05	---
3	---	50.85	---	---	---	---	---	52.72	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	52.68	---	---	---	---	---
6	---	---	---	51.81	---	---	---	---	---	53.60	---	54.21
7	---	---	---	---	---	---	---	---	53.17	---	---	---
8	51.21	---	51.65	---	---	52.43	---	---	---	---	---	---
9	---	---	---	---	52.24	---	---	---	---	---	53.88	---
10	---	50.71	---	---	---	---	---	53.20	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	52.21	---	---	53.84	---	---
13	50.74	---	---	52.11	---	---	---	---	---	---	---	53.85
14	---	---	---	---	---	---	---	---	53.21	---	---	---
15	---	---	51.59	---	---	52.94	---	---	---	---	---	---
16	---	---	---	---	52.18	---	---	---	---	---	53.09	---
17	---	51.79	---	---	---	---	---	53.60	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	51.20	---	---	52.48	---	---	53.55	---	---
20	51.41	---	---	---	---	---	---	---	---	---	---	53.46
21	---	---	---	---	---	---	---	---	53.70	---	---	---
22	---	---	---	---	---	52.56	---	---	---	---	---	---
23	---	---	51.61	---	51.94	---	---	---	---	---	53.43	---
24	---	51.70	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	52.83	---	53.59	---	---
26	---	---	---	52.10	---	---	52.88	---	---	---	---	---
27	51.21	---	---	---	---	---	---	---	---	---	---	54.31
28	---	---	---	---	---	---	---	---	53.42	---	---	---
29	---	---	52.51	---	---	52.53	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	53.58	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

ESCAMBIA COUNTY

WELL NUMBER.--303208087241101. Local number 032-724-1, U.S. Geological Survey.

LOCATION.--Lat 30°32'08", long 87°24'11", in NW¼ NW¼ NE¼ sec. 12, T.1 S., R.32 W., Hydrologic Unit 03140106, 0.3 mi (0.5 km) east of intersection of U.S. Highway 90 and U.S. Highway 90 Alternate, 2.8 mi (4.5 km) east of Perdido River, and 8 mi (13 km) west of Ensley, Fla.

DESCRIPTION.--Drilled, observation, artesian well in sand and gravel aquifer (Geologic Unit 120NFSG), diam 4 in (10 cm), depth 170 ft (52 m), cased to 165 ft (50 m), screened from 165 to 170 ft (50 to 52 m).

PERIOD OF RECORD.--July 1958 to current year (monthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of plug 2.9 ft (0.9 m) above lsd. Land surface datum is 123.43 ft (37.621 m) above mean sea level.

EXTREMES.-- Current year: Highest water level, 29.34 ft (8.94 m) above msl Apr. 12; lowest, 28.55 ft (8.70 m) above msl Aug. 9.
Period of record: Highest water level, 32.93 ft (10.04 m) above msl July 8, 1959; lowest, 26.81 ft (8.17 m) above msl Aug. 12, 1974.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 13	28.97	Feb. 9	29.26	June 7	29.13
Nov. 10	29.25	Mar. 8	29.23	July 9	28.66
Dec. 8	29.21	Apr. 12	29.34	Aug. 9	28.55
Jan. 13	29.32	May 11	28.81	Sept 13	28.80

WELL NUMBER.--303527087140001. Local number 83, 035-714-3, Monsanto Company.

LOCATION.--Lat 30°35'27", long 87°14'00", in land grant 30, T.1 N., R.30 W., Hydrologic Unit 03140305, on south bank of Escambia River at Monsanto Plant, 3.5 mi (5.6 km) northeast of U.S. Highway 29, and 4.9 mi (7.9 km) southeast of Cantonment, Fla.

DESCRIPTION.--Drilled, unused, artesian test well in sand and gravel aquifer (Geologic Unit 120NFSG), diam 4 in (10 cm), depth 293 ft (89 m), cased to 230 ft (70 m), screened from 230 to 240 ft (70 to 73 m) and 282 to 292 ft (86 to 89 m).

PERIOD OF RECORD.--July 1972 to March 1965; March 1965 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 2.90 ft (0.88 m) above lsd. Land surface datum is 37.5 ft (11.43 m) above mean sea level. Prior to March 4, 1965 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level 0.53 ft (0.16 m) above msl Jan. 17; lowest, 6.42 ft (1.95 m) below msl July 14.
Period of record: Highest water level, 4.90 ft (1.49 m) above msl Sept. 9, 1954; lowest, 11.45 ft (3.49 m) below msl Jan. 17, 1973.

REMARKS.--Water-levels affected by pumping of nearby wells.

ELEVATION, IN FEET ABOVE AND BELOW (-) MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 15	2.02	May 7	3.60
Jan. 17	-0.53	July 14	6.42
Mar. 6	3.57	Sept 14	4.59

ESCAMBIA COUNTY

WELL NUMBER.--303558087155501. Local number 73, 035-715.

LOCATION.--Lat 30°35'58", long 87°15'55", in land grant 30, T.1 N., R.30 W., Hydrologic Unit 03140305, on south bank of Escambia River at Monsanto Plant, 3.1 mi (5.0 km) northeast of U.S. Highway 29, and 4.4 mi (7.1 km) southeast of Cantonment, Fla.

DESCRIPTION.--Drilled artesian test well in sand and gravel aquifer (Geologic Unit 120NFSG), diam 4 to 2.5 in (10 to 6.4 cm), depth 306 ft (93.3 m), cased to 198 ft (60 m), screened from 198 to 208 ft (60 to 63 m), 294 to 304 ft (89.6 to 92.7 m), and valved from 304 to 306 ft (92.7 to 93.3 m).

PERIOD OF RECORD.--November 1951 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 51.89 ft (15.816 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 1.49 ft (0.45 m) above msl Jan. 26: lowest, 6.90 ft (2.10 m) below msl July 13.
Period of record: Highest water level, 15.49 ft (4.72 m) above msl Nov. 10, 1951; lowest, 13.51 ft (4.19 m) below msl July 12, 1974.

REMARKS.--Water-levels affected by pumping of nearby wells.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.51	---	-.51	---	.49	-1.61	-.21	.39	-.51	-5.61	-6.11	-4.21
2	-1.86	---	-.56	---	.39	-1.71	-.11	.39	-1.21	-5.61	-6.11	-4.11
3	-1.61	---	-.36	---	.49	-1.91	-.11	.29	-1.81	-5.61	-6.01	-3.61
4	-1.51	-1.61	-.36	---	.29	-1.81	.19	.19	-1.71	-5.71	-5.91	-3.41
5	-1.36	-1.46	-.31	---	.29	-1.81	.49	.29	-1.71	-5.71	-6.21	-3.11
6	-1.46	-1.71	-.61	---	.09	-1.91	.49	-.61	-1.51	-5.61	-6.21	-3.11
7	-2.01	-1.51	-.51	---	.19	-2.01	.49	-1.11	-1.71	-5.31	-5.91	-3.31
8	-2.01	-1.36	-.51	---	.49	-2.11	.59	-1.21	-1.91	-5.41	-5.81	-3.11
9	-1.61	-1.41	-.61	---	.49	-2.31	.59	-1.51	-1.61	-5.51	-5.81	-2.71
10	-1.61	---	-.61	---	.39	-1.91	.39	-1.61	-2.11	-5.51	-6.11	-2.61
11	-1.61	---	-.71	---	-.01	-1.91	.29	-1.51	-2.11	-5.31	-6.11	-2.81
12	-1.41	---	-.96	---	-.01	-2.31	.19	-1.61	-2.11	-5.31	-6.11	-3.01
13	-1.61	---	-.91	---	.09	-2.21	.49	-1.61	-2.11	-6.51	-6.41	-3.01
14	-1.61	-1.31	-.71	---	.19	.79	.39	-1.41	-2.41	-4.21	-6.31	-3.21
15	-1.76	-.71	-.71	---	-.01	-2.21	.09	-1.31	-2.61	-3.81	-6.31	-3.01
16	-1.41	-.71	-.01	---	-.11	-2.11	.29	-1.41	-2.51	-3.71	-6.31	-2.91
17	-1.36	-.61	---	.49	-.51	-2.11	.49	-1.61	-2.91	-6.01	-4.31	-2.71
18	-1.36	-.61	---	.49	-.21	-2.21	.49	-1.11	-2.91	-6.01	-3.81	-2.71
19	-1.41	-.46	---	1.29	-.21	-2.71	.49	-.81	-3.31	-6.01	-3.51	-2.71
20	-1.46	-.31	---	.69	.69	-3.01	.49	-.71	-2.71	-6.21	-3.51	-2.91
21	-1.41	-.31	---	.69	-.01	-3.11	-.41	-.71	-2.31	-6.11	-3.51	-3.01
22	---	-.71	---	.79	.09	-2.41	-.11	-.91	-3.01	-5.91	-3.41	-3.01
23	---	-.66	---	.49	-.11	-2.01	.09	-.31	-3.21	-5.81	-3.51	-3.11
24	---	-.71	---	.89	.09	-2.11	.49	-.21	-2.71	-5.81	-3.51	-2.91
25	---	-.81	---	1.19	-.01	-2.11	.49	-1.51	-2.31	-5.91	-3.51	-2.81
26	---	-.71	---	1.49	.09	-1.71	.19	-1.51	-2.31	-5.81	-3.11	-3.01
27	---	-.51	---	1.29	-.51	-.91	.19	-1.41	-2.51	-6.11	-3.11	-2.91
28	---	-.41	---	-.11	-1.61	-.11	.19	-1.21	-2.51	-6.41	-3.31	-2.81
29	---	-.71	---	-.01	-1.51	-.11	.29	-1.51	-4.81	-6.31	-4.01	-2.41
30	---	-.51	---	.29	---	-.41	.19	-1.51	-5.41	-6.11	-4.21	-1.61
31	-1.41	---	---	.49	---	-.61	---	-.71	---	-6.31	-4.01	---
MEAN	---	---	---	---	.00	-1.76	.27	-.94	-2.42	-5.66	-4.91	-3.00
MAX	---	---	---	---	.69	.79	.59	.39	-.51	-3.71	-3.11	-1.61
MIN	---	---	---	---	-1.61	-3.11	-.41	-1.61	-5.41	-6.51	-6.41	-4.21

ESCAMBIA COUNTY

WELL NUMBER.--303610087165001. Local number 74, Monsanto Company.

LOCATION.--Lat 30°36'10", long 87°16'50", in land grant 30, T.1 N., R. 30 W., Hydrologic Unit 03140305, 1.3 mi (2.1 km) north of paved road to Monsanto Plant, 1.6 mi (2.6 km) east of U.S. Highway 29, and 3.4 mi (5.5 km) southeast of Cantonment, Fla.

DESCRIPTION.--Drilled, observation, artesian well in sand and gravel aquifer (Geologic Unit 120 NFSG), diam 4 to 2.5 in (10 to 6.4 cm), depth 352 ft (107 m), cased to 260 ft (79 m), screened from 260 to 270 ft (79 to 82 m) and 340 to 350 ft (104 to 107 m).

PERIOD OF RECORD.--November 1951 to current year. Published since Nov. 11, 1951.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 97.39 ft (29.684 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 10.08 ft (3.07 m) above msl Jan. 8; lowest, 6.82 ft (2.08 m) above msl Sept. 2.
Period of record: Highest water level, 23.42 ft (7.14 m) above msl Nov. 10, 1951; lowest, 2.61 ft (0.80 m) below msl Jan. 22, 1969.

REMARKS.--Water-levels affected by nearby pumping.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.13	7.98	8.62	9.87	9.50	9.01	8.87	9.11	9.10	7.49	7.07	6.92
2	8.12	7.92	8.60	10.00	9.42	8.97	8.94	9.12	9.09	7.38	7.12	6.89
3	7.99	7.97	8.61	10.04	9.35	8.89	8.95	9.10	8.89	7.36	7.12	7.06
4	8.02	7.90	8.61	10.05	9.26	8.84	9.09	9.00	8.82	7.34	7.12	7.21
5	8.16	7.83	8.64	10.05	9.24	8.84	9.57	8.94	8.76	7.30	7.10	7.39
6	8.16	7.77	8.60	9.90	9.19	8.75	9.79	8.94	8.69	7.44	7.09	7.39
7	8.19	7.81	8.63	10.07	9.17	8.70	9.79	8.87	8.69	7.52	7.14	7.62
8	8.26	7.84	8.65	10.08	9.20	8.68	9.62	8.85	8.62	7.53	7.18	7.82
9	8.19	7.95	8.67	9.82	9.21	8.65	9.58	8.79	8.62	7.55	7.19	7.88
10	8.12	8.03	8.65	9.50	9.21	8.59	9.47	8.70	8.77	7.54	7.12	7.91
11	8.01	8.19	8.64	9.42	9.09	8.60	9.31	8.71	8.54	7.59	7.07	7.93
12	8.01	8.51	8.55	9.46	9.03	8.67	9.23	8.73	8.55	7.59	7.02	7.93
13	8.01	8.50	8.55	9.53	9.01	8.67	9.21	8.79	8.39	7.58	6.91	7.92
14	7.97	8.44	8.44	9.53	8.99	8.51	9.25	9.18	8.36	7.69	6.89	7.77
15	7.92	8.49	8.44	9.42	8.97	8.41	9.25	9.18	8.26	7.90	6.88	7.74
16	8.08	8.58	8.44	9.35	8.88	8.42	9.20	9.09	8.19	7.99	6.86	7.74
17	8.23	8.59	8.72	9.34	8.87	8.39	9.27	8.99	8.03	7.97	6.90	7.74
18	8.16	8.57	8.71	9.19	8.87	8.33	9.36	9.09	7.94	7.80	7.08	7.74
19	8.11	8.61	8.66	9.25	8.86	8.31	9.42	9.22	7.80	7.69	7.16	7.71
20	8.01	8.69	8.61	9.20	8.86	8.34	9.43	9.31	7.93	7.41	7.19	7.70
21	8.03	8.71	8.81	9.12	9.06	8.33	9.32	9.34	7.96	7.29	7.20	7.61
22	8.17	8.65	8.96	9.11	9.07	8.37	9.19	9.49	7.69	7.28	7.23	7.51
23	8.18	8.57	9.10	9.12	9.02	8.48	9.18	9.68	7.61	7.28	7.24	7.47
24	8.19	8.48	9.24	9.13	8.89	8.48	9.17	9.69	7.70	7.29	7.26	7.46
25	8.13	8.47	9.62	9.25	9.05	8.45	9.22	9.37	7.83	7.28	7.27	7.46
26	8.12	8.49	9.66	9.49	9.36	8.70	9.21	8.99	7.87	7.27	7.40	7.47
27	8.14	8.59	9.68	9.47	9.36	8.96	9.17	9.14	7.87	7.24	7.46	7.49
28	8.14	8.59	9.77	9.20	9.10	9.08	9.11	9.19	7.86	7.10	7.43	7.49
29	8.10	8.57	9.91	8.99	9.03	9.08	9.10	9.03	7.77	7.01	7.22	7.59
30	7.98	8.57	10.02	9.15	---	8.96	9.09	8.91	7.64	7.09	6.89	7.90
31	7.89	---	9.97	9.38	---	8.92	---	8.97	---	7.10	6.92	---
MEAN	8.09	8.33	8.93	9.50	9.11	8.66	9.28	9.08	8.27	7.45	7.12	7.58
MAX	8.26	8.71	10.02	10.08	9.50	9.08	9.79	9.69	9.10	7.99	7.46	7.93
MIN	7.89	7.77	8.44	8.99	8.86	8.31	8.87	8.70	7.61	7.01	6.86	6.89

WTR YR 1976 MEAN 8.45 MAX 10.08 MIN 6.86

ESCAMBIA COUNTY

WELL NUMBER.--303614087190901. Local number 45, 036-719-1, U.S. Geological Survey.

LOCATION.--Lat 30°36'14", long 87°19'09", in SW¼ NW¼ NE¼ sec.15, T.1N., R.31W., Hydrologic Unit 03140106, 0.2 mi (0.3 km) west of U.S. Highway 29, and 0.45 mi (0.72 km) south of main entrance to St. Regis Paper Company in Cantonment, Fla.

DESCRIPTION.--Drilled observation artesian well in sand and gravel aquifer (Geologic Unit 120NFSG), diam 4 in (10 cm), depth 152 ft (46 m), cased to 129 ft (39 m).

PERIOD OF RECORD.--January to February 1940 (weekly); February 1940 to current year. Published since Jan. 16, 1940.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of flange, 3.00 ft (0.91 m) above lsd. Land surface datum is 135.00 ft (41.148 m) above mean sea level. Prior to Feb. 13, 1940 tape measured.

EXTREMES.--Current year: Highest water level, 38.76 ft (11.81 m) above msl Sept. 5; lowest, 35.05 ft (10.68 m) above msl Nov. 8.
Period of record: Highest water level, 65.70 ft (20.02 m) above msl May 3, 1941; lowest, 22.98 ft (7.00 m) below msl Feb. 29, 1956.

REMARKS.--Water levels affected by nearby pumping.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.74	35.70	36.04	36.56	37.62	37.38	37.64	38.15	38.28	38.38	38.64	38.66
2	35.66	35.77	36.07	36.67	37.15	37.32	37.58	38.05	38.34	38.33	38.58	38.66
3	35.44	35.85	36.02	36.72	37.09	37.28	37.66	38.02	38.33	38.21	38.49	38.66
4	35.50	35.85	35.98	36.44	36.92	37.37	37.85	38.19	38.28	38.33	38.41	38.71
5	35.61	35.84	36.01	36.41	36.94	37.38	37.91	37.92	38.14	38.36	38.46	38.76
6	35.66	35.99	36.10	36.66	37.07	37.36	37.97	37.98	38.11	38.35	38.53	---
7	35.75	36.09	36.23	36.96	36.95	37.45	37.98	37.98	38.23	38.36	38.62	---
8	35.73	35.05	36.33	36.95	37.14	37.85	37.97	38.00	38.30	38.33	38.65	38.70
9	35.60	35.12	36.41	36.34	37.06	37.78	37.88	37.95	38.29	38.36	38.60	38.65
10	35.63	36.03	36.34	36.49	36.95	37.59	37.65	38.00	38.33	38.35	38.54	38.75
11	35.66	36.05	36.14	36.72	37.02	37.45	37.65	38.08	38.40	38.40	38.39	38.70
12	35.66	36.28	36.08	36.73	36.96	37.52	37.67	38.13	38.34	38.49	38.43	38.70
13	35.66	36.50	36.03	36.83	36.97	37.54	37.72	38.18	38.27	38.48	38.59	38.67
14	35.65	35.84	36.08	36.81	36.91	37.43	37.68	38.36	38.25	38.39	38.60	38.70
15	35.79	35.79	36.27	36.76	36.98	37.70	37.72	38.34	38.35	38.31	38.57	---
16	35.15	35.85	36.37	37.16	37.13	37.85	37.75	38.22	38.38	38.33	38.56	---
17	36.29	35.84	36.43	37.00	37.29	37.42	37.70	38.20	38.36	38.37	38.63	---
18	35.95	35.80	36.23	36.62	37.40	37.44	37.72	38.18	38.31	38.35	38.64	---
19	35.76	35.97	35.99	36.45	37.33	37.58	37.92	38.01	38.34	38.27	38.64	---
20	35.68	36.15	36.26	36.63	37.26	37.71	38.05	37.99	38.41	38.25	38.59	---
21	35.74	36.10	36.25	36.79	37.40	37.74	38.05	38.18	38.37	38.35	38.53	---
22	35.89	35.91	36.38	36.80	37.39	37.50	38.01	38.48	38.35	38.33	38.57	---
23	35.87	35.85	36.38	37.05	36.92	37.40	38.00	38.58	38.28	38.33	38.67	---
24	35.83	36.01	36.56	37.10	36.95	37.55	38.05	38.48	38.33	38.43	38.67	---
25	35.86	36.03	36.97	37.16	37.08	37.73	38.17	38.37	38.35	38.45	38.61	---
26	35.85	36.27	36.78	37.22	37.20	37.75	38.15	38.22	38.30	38.45	38.60	---
27	35.85	36.23	36.47	36.89	37.27	37.83	38.04	38.25	38.23	38.50	38.60	---
28	35.80	35.99	36.45	36.81	37.41	37.73	38.07	38.35	38.31	38.48	38.60	---
29	35.75	36.00	36.63	37.01	37.41	37.73	37.99	38.32	38.39	38.47	38.61	---
30	35.78	36.06	36.96	37.14	---	37.82	38.11	38.29	38.55	38.52	38.62	---
31	35.74	---	36.96	37.41	---	---	---	38.24	---	38.57	38.62	---
MEAN	35.73	35.93	36.33	36.82	37.14	---	37.88	38.18	38.32	38.38	38.58	---
MAX	36.29	36.50	36.97	37.41	37.62	---	38.17	38.58	38.55	38.57	38.67	---
MIN	35.15	35.05	35.98	36.34	36.91	---	37.58	37.92	38.11	38.21	38.39	---

ESCAMBIA COUNTY

WELL NUMBER.--305450087264001. Local number 054-726-1, U.S. Geological Survey.

LOCATION.--Lat 30°54'50", long 87°26'40", in NE¼ NW¼ NE¼ sec. 33, T.5 N., R.32 W., Hydrologic Unit 03140305, 36 ft (11.0 m) west of State Highway 99, 700 ft (213 m) south of intersection of State Highways 99 and 164 in Oak Grove, Fla.

DESCRIPTION.--Drilled, observation, artesian well in sand and gravel aquifer (Geologic Unit 120NFSG), diam 4 in (10 cm), depth 206 ft (63 m), cased to 201 ft (61 m), screened from 201 to 206 ft (61 to 63 m).

PERIOD OF RECORD.--May 1959 to October 1962; November 1962 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of coupling, 3.25 ft (0.99 m) above lsd. Land surface datum is 259.27 ft (79.025 m) above mean sea level. Prior to October 25, 1962 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 176.37 ft (53.76 m) above msl Jan. 17; lowest 174.30 ft (53.13 m) above msl Sept. 14.

Period of record: Highest water level, 176.45 ft (53.78 m) above msl Mar. 31, 1962; lowest, 166.00 ft (50.60 m) above msl Mar. 5, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 15	175.78	May 6	175.58
Jan. 17	176.37	July 13	175.02
Mar. 5	176.21	Sept 14	174.30

WELL NUMBER.--305450087264002. Local number 054-726-2, U.S. Geological Survey.

LOCATION.--Lat 30°54'50", long 87°26'40", in NE¼ NW¼ NE¼ sec. 33, T.5 N., R.32 W., Hydrologic Unit 03140305, 36 ft (11 m) west of State Highway 99, 700 ft (213 m) south of intersection of State Highways 99 and 164 in Oak Grove, Fla.

DESCRIPTION.--Drilled, observation, water-table well in nonartesian sand aquifer (Geologic Unit 120NRSD), diam 4 in (10 cm), depth 107 ft (33 m), cased to 102 ft (31 m), screened from 102 to 107 ft (31 to 33 m).

PERIOD OF RECORD.--May 1959 to November 1962 (monthly); January 1963 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of nipple, 3.25 ft (0.99 m) above lsd. Land surface datum is 259.21 ft (79.007 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 194.03 ft (59.14 m) above msl Mar. 5; lowest 190.99 ft (58.21 m) above msl Sept. 14.

Period of record: Highest water level, 194.03 ft (59.14 m) above msl Mar. 5, 1976; lowest, 179.64 ft (54.75 m) above msl Mar. 5, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 15	193.63	May 6	193.08
Jan. 17	193.97	July 13	191.78
Mar. 5	194.03	Sept 14	190.99

FRANKLIN COUNTY

WELL NUMBER.--294321084531601. Local number 32, 943-453-1, North Florida Loan Association.

LOCATION.--Lat 29°43'21", long 84°53'16", in NW¼ SW¼ NW¼ sec. 6, T.9 S., R.7 W., Hydrologic Unit 03130013, near northeast end of toll bridge to St. George's Island and 1.0 mi (1.6 km) southeast of intersection of State Highway 65 and U.S. Highway 98 in Eastpoint, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 3 in (8 cm), depth and length of casing unknown.

PERIOD OF RECORD.--September 1949 to September 1955 and July 1966 to May 1968 (bimonthly); January 1969 to current year (semiannually).

INSTRUMENTATION.--Pressure gage. Measuring point; top of cement base, 1.0 ft (0.3 m) above lsd. Land surface datum is 4.23 ft (1.289 m) above mean sea level.

EXTREMES.--Period of record: Highest water level, 11.93 ft (3.64 m) above msl Mar. 21, 1952; lowest, 8.18 ft (2.49 m) above msl Sept. 23, 1976.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

May 13.....................	8.96	Sept. 23.....................	8.18

WELL NUMBER.--294327084585501. Local number 31, 943-458-1, City of Apalachicola.

LOCATION.--Lat 29°43'27", long 84°58'55", in NW¼ NE¼ SW¼ sec. 6, T.9 S., R.7 W., Hydrologic Unit 03130011, south of west approach to Gorrie Bridge at Apalachicola, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 in (20 cm), depth and length of casing unknown.

PERIOD OF RECORD.--September 1949 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of vitrified clay pipe 1.00 ft (0.30 m) above lsd. Land surface datum is 5.80 ft (1.768 m) above mean sea level.

EXTREMES.--Current year: Highest water level 8.32 ft (2.54 m) above msl Nov. 13; lowest 7.89 ft (2.40 m) above msl May 13, July 15.
Period of record: Highest water level, 9.75 ft (2.97 m) above msl Mar. 20, May 1, 1950; lowest, 7.02 ft (2.14 m) above msl July 5, 1968.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 13.....................	8.32	May 13.....................	7.89
Jan. 22.....................	7.91	July 15.....................	7.89
Mar. 11.....................	8.12	Sept 23.....................	8.05

GADSDEN COUNTY

WELL NUMBER.--302650084362301. Local number Well No. 1, Wallwood Boy Scout Camp.

LOCATION.--Lat 30°26'50", long 84°36'23", in SE¼ SE¼ SW¼ sec.26, T.1N., R.4W., Hydrologic Unit 03120003, 1.4 mi (2.3 km) south of State Highway 65 C, 2.0 mi (3.2 km) east of State Highway 267 and 7.0 mi (11.3 km) south of Quincy, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 292 ft (89 m), cased to 252 ft (76 m).

PERIOD OF RECORD.--December 1974 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of 6 in (15 cm) casing, 1.0 ft (0.3 m) above lsd. Land surface datum is 153.54 ft (46.799 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 77.22 ft (23.54 m) above msl Feb. 3; lowest 76.02 ft (23.17 m) above msl Aug. 12. Period of record: Highest water level, 77.22 ft (23.54 m) above msl Feb. 3, 1976; lowest 74.90 ft (22.83 m) above msl Dec. 18, 1974.

ELEVATION. IN FEET ABOVE MEAN SEA LEVEL. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76.43		---	---	76.98	---	76.98	76.73	76.74	76.67	76.27	76.32
2	76.41		---	---	77.00	---	76.94	76.71	76.78	76.66	76.24	76.32
3	76.31		---	---	77.22	---	76.94	76.65	76.78	76.58	76.23	76.31
4	76.32		---	---	77.01	---	76.99	76.57	76.78	76.63	76.16	76.33
5	76.34		---	---	76.95	---	76.99	76.54	76.74	76.66	76.14	76.36
6	76.33		---	---	76.88	---	77.02	76.55	76.71	76.66	76.11	76.34
7	76.39		---	---	76.87	---	77.03	76.57	76.75	76.65	76.12	76.30
8	76.38		76.66	---	---	---	77.04	76.59	76.77	76.64	76.12	76.24
9	76.34		76.68	---	---	---	77.01	76.60	76.75	76.63	76.11	76.29
10	76.30		76.63	---	---	---	76.86	76.62	76.75	76.63	76.06	76.33
11	76.28		76.53	---	---	---	76.85	76.66	76.76	76.63	76.04	76.29
12	76.25		76.49	---	---	---	76.84	76.67	76.74	76.66	76.17	76.26
13	76.24		76.46	---	---	---	76.84	76.66	76.68	76.65	76.24	76.23
14	76.24		76.47	76.66	---	---	76.82	76.77	76.63	76.64	76.25	76.25
15	76.28		76.55	76.71	---	---	76.81	76.77	76.63	76.60	76.25	76.26
16	76.36		76.62	76.71	---	---	76.78	76.71	76.63	76.57	76.24	76.25
17	76.55		76.66	76.71	---	---	76.75	76.70	76.59	76.57	76.30	76.21
18	76.47		76.56	76.88	---	---	76.73	76.70	76.56	76.55	76.32	76.20
19	76.40		76.44	76.84	---	---	76.77	76.64	76.59	76.50	76.31	76.21
20	76.36		76.53	76.65	---	---	76.78	76.59	76.66	76.46	76.31	76.23
21	76.39		76.53	76.58	---	---	76.78	76.64	76.66	76.49	76.28	76.24
22	76.44		76.55	76.65	---	---	76.75	76.81	76.62	76.48	76.31	76.20
23	76.41		76.54	76.71	---	---	76.72	76.98	76.58	76.46	76.33	76.08
24	---		76.55	76.71	---	76.85	76.71	76.94	76.60	76.48	76.32	76.12
25	---		76.69	76.74	---	76.92	76.79	76.88	76.63	76.47	76.30	76.16
26	---		76.70	76.80	---	76.93	76.75	76.80	76.59	76.45	76.29	76.16
27	---		---	76.81	---	77.05	76.65	76.74	76.56	76.42	76.29	76.15
28	---		---	76.86	---	77.05	76.60	76.82	76.66	76.39	76.29	76.16
29	---		---	76.96	---	77.03	76.58	76.80	76.68	76.37	76.26	76.22
30	---		---	76.87	---	77.05	76.62	76.77	76.70	76.33	76.27	76.24
31	---		---	76.94	---	77.07	---	76.75	---	76.30	76.31	---
MEAN	---		---	---	---	---	76.82	76.71	76.68	76.54	76.23	76.24
MAX	---		---	---	---	---	77.04	76.98	76.78	76.67	76.33	76.36
MIN	---		---	---	---	---	76.58	76.54	76.56	76.30	76.04	76.08

GADSDEN COUNTY

WELL NUMBER.--303243084430301. Local number 02N05W27, Franklin Fletcher.

LOCATION.--Lat 30°32'43", long 84°43'03", in SW¼ NE¼ NE¼ sec.27, T.2N., R.5W., Hydrologic Unit 03120003, 0.2 mi (0.3 km) south of State Highway 274 and 1.9 mi (3.1 km) southeast of Greensboro, Fla.

DESCRIPTION.--Drilled, unused, irrigation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 in (20 cm), depth 803 ft (244 m), cased to 530 ft (161 m).

PERIOD OF RECORD.--November 1974 to current year.

INSTRUMENTATION.--Water level recorder. Measuring point; top of 8 in (20 cm) casing, 0.4 ft (0.1 m) above lsd. Land surface datum is 250.41 ft (76.325 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 76.57 ft (23.33 m) above msl May 23; lowest, 75.75 ft (23.09 m) above msl Sept. 23.
Period of record: Highest water level, 76.57 ft (23.33 m) above msl May 23, 1976; lowest, 74.18 ft (22.61 m) above msl Dec. 12, 1974.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76.08	76.00	76.02	76.14	---	76.18	76.21	76.22	76.30	76.28	76.28	75.98
2	76.05	76.03	76.03	76.08	---	76.14	76.18	76.17	76.36	76.27	76.26	75.97
3	75.90	76.06	75.97	76.14	---	76.12	76.21	76.08	76.37	76.18	76.25	75.97
4	75.91	76.04	75.94	76.03	---	76.13	76.30	75.99	76.34	76.26	76.18	75.99
5	75.96	76.03	75.93	75.94	---	76.13	76.32	75.98	76.28	76.28	76.21	76.04
6	75.98	76.07	75.98	75.98	---	76.14	76.37	75.99	76.27	76.38	76.23	76.02
7	76.07	76.13	76.06	76.21	---	76.15	76.40	76.03	76.36	76.31	76.24	75.98
8	76.06	76.13	76.14	76.24	---	76.20	76.46	76.05	76.36	76.30	76.28	75.88
9	76.04	76.13	76.19	75.95	---	76.42	76.40	76.07	76.35	76.30	76.27	75.92
10	76.04	76.11	76.14	---	---	76.31	76.21	76.07	76.36	76.29	76.18	75.98
11	76.05	76.11	75.99	---	76.17	76.17	76.23	76.13	76.40	76.31	76.06	75.93
12	76.04	76.27	75.93	---	76.11	76.20	76.22	76.13	76.36	76.38	76.07	75.88
13	76.04	76.19	75.86	---	76.10	76.21	76.22	76.14	76.28	76.36	76.14	75.83
14	76.04	76.03	75.89	---	76.06	76.18	76.21	76.27	76.24	76.32	76.16	75.87
15	76.06	75.98	76.01	---	76.07	76.29	76.21	76.28	76.25	76.29	76.15	75.93
16	76.18	76.01	76.09	---	76.15	76.37	76.18	76.21	76.25	76.28	76.11	75.93
17	76.38	75.99	76.17	---	76.20	76.19	76.15	76.22	76.21	76.28	76.15	75.87
18	76.26	75.96	76.04	---	76.26	76.10	76.16	76.24	76.19	76.28	76.14	75.87
19	76.16	76.00	75.85	---	76.26	76.15	76.28	76.14	76.23	76.22	76.12	75.91
20	76.07	76.13	76.00	---	76.22	76.17	76.30	76.06	76.29	76.17	76.11	75.96
21	76.09	76.10	76.01	---	76.21	76.22	76.32	76.15	76.29	76.23	76.06	76.02
22	76.17	76.00	76.05	---	76.32	76.15	76.28	76.36	76.24	76.20	76.08	75.96
23	76.13	75.94	76.03	---	76.06	76.03	76.25	76.57	76.20	76.19	76.10	75.86
24	76.13	76.03	76.04	---	75.98	76.08	76.26	76.53	76.24	76.24	76.08	75.90
25	76.15	76.03	76.24	---	76.08	76.17	76.35	76.41	76.26	76.24	76.03	75.94
26	76.16	76.07	76.25	---	76.13	76.17	76.34	76.31	76.21	76.24	76.01	75.93
27	76.03	76.11	76.07	---	76.17	76.27	76.13	76.25	76.16	76.23	75.98	75.91
28	76.07	75.98	76.01	---	76.23	76.28	76.10	76.40	76.22	76.21	75.97	75.91
29	76.08	75.96	76.10	---	76.21	76.24	76.07	76.36	76.29	76.18	75.94	75.96
30	76.10	75.98	76.25	---	---	76.30	76.13	76.32	76.30	76.21	75.97	75.96
31	76.03	---	76.37	---	---	76.33	---	76.29	---	76.26	75.97	---
MEAN	76.08	76.05	76.05	---	---	76.20	76.25	76.21	76.28	76.26	76.12	75.94
MAX	76.38	76.27	76.37	---	---	76.42	76.46	76.57	76.40	76.38	76.28	76.04
MIN	75.90	75.94	75.85	---	---	76.03	76.07	75.98	76.16	76.17	75.94	75.83

GADSDEN COUNTY

WELL NUMBER.--303500084363801. Local number Ast Cattle Farm Well, Coastal Lumber Co.

LOCATION.--Lat 30°35'00", long 84°36'38", in NW¼ SE¼ SW¼ sec.2, T.2N., R.4W., Hydrologic Unit 03120003, 0.2 mi (0.3 km) west of intersection of State Highway 274 and U.S. Highway 90, 0.8 mi (1.3 km) north of U.S. Highway 90 on unimproved clay road and 1.9 mi (3.1 km) west of Quincy, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 883 ft (269 m), cased to 500 ft (152 m).

PERIOD OF RECORD.--December 1974 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of 6 in (15 cm) coupling, 1.0 ft (0.3 m) above lsd. Land surface datum is 248.23 ft (75.660 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 71.39 ft (21.76 m) above msl Feb. 2; lowest, 70.41 ft (21.46 m) above msl May 30. Period of record: Highest water level, 71.39 ft (21.76 m) above msl Feb. 2, 1976; lowest, 66.60 ft (20.30 m) above msl Dec. 10, 1974.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.71	70.71	70.81	70.91	71.39	71.03	71.12	70.72	70.58	70.98	70.79	70.55
2	70.67	70.76	70.82	70.88	71.03	70.98	71.10	70.76	---	71.00	70.81	70.50
3	70.50	70.80	70.76	70.93	70.97	70.97	71.12	70.80	---	70.99	70.87	70.60
4	70.52	70.77	70.72	70.77	70.85	70.98	71.21	70.76	---	70.99	70.87	70.62
5	70.58	70.76	70.71	70.69	70.92	70.97	71.22	70.83	---	71.00	---	70.58
6	70.60	70.83	70.77	70.78	71.02	70.99	71.24	70.86	---	70.99	---	70.49
7	70.74	70.86	70.88	71.06	71.00	71.02	71.26	70.85	---	71.01	---	70.50
8	70.71	70.86	70.88	71.06	71.06	71.19	71.00	70.86	---	71.07	---	70.60
9	70.69	70.88	71.03	70.71	70.99	71.32	70.98	71.00	71.06	71.07	70.75	70.61
10	70.71	70.87	70.96	70.69	70.91	71.16	71.00	70.98	71.06	71.04	70.73	70.57
11	70.72	70.87	70.81	70.86	70.93	71.04	70.99	70.96	70.99	70.97	70.70	70.53
12	70.72	71.03	70.74	70.85	70.92	71.06	70.94	70.92	70.93	71.00	70.67	70.57
13	70.72	70.95	70.69	70.90	70.91	71.09	70.89	70.77	70.96	70.99	70.70	70.61
14	70.73	70.78	70.99	70.89	70.87	71.06	70.94	70.80	70.97	70.95	70.68	70.70
15	70.77	70.73	70.73	70.85	70.88	71.17	71.05	70.92	70.94	70.87	70.67	70.70
16	70.90	70.77	---	71.11	70.97	71.27	71.07	71.17	70.91	70.88	70.60	70.55
17	71.11	70.75	70.85	71.03	71.02	71.05	71.05	71.30	70.96	70.91	70.65	70.61
18	70.97	70.71	70.86	70.71	71.10	70.98	71.01	71.16	71.05	70.87	70.67	70.65
19	70.85	70.76	70.67	70.61	71.08	71.05	70.97	71.09	71.04	70.87	70.64	70.64
20	70.76	70.90	70.81	70.71	71.02	71.13	71.01	70.92	70.98	70.91	70.57	70.63
21	70.78	70.87	70.82	70.82	71.05	71.13	71.07	70.65	70.94	70.89	70.56	70.62
22	70.86	70.76	70.86	70.81	71.14	71.04	71.01	70.72	70.98	70.88	70.54	70.67
23	70.81	70.70	70.84	70.88	70.88	70.93	70.81	70.68	70.94	70.87	70.49	70.68
24	70.82	70.79	70.86	70.94	70.80	70.97	70.81	70.62	70.89	70.83	70.56	70.64
25	70.84	70.79	71.06	70.94	70.91	71.07	70.92	70.57	70.98	70.82	70.56	70.63
26	70.86	70.84	71.06	70.96	70.97	71.07	70.94	70.60	71.02	70.83	70.59	70.60
27	70.82	70.90	70.87	70.98	71.04	71.18	70.89	70.63	71.02	70.87	70.58	70.55
28	70.77	70.76	70.79	70.89	71.10	71.18	70.75	70.59	70.98	70.89	70.58	70.56
29	70.78	70.73	70.88	71.00	71.07	71.16	70.65	70.53	70.93	70.85	70.63	70.59
30	70.80	70.77	71.05	71.08	---	71.23	70.72	70.47	70.98	70.79	70.66	70.66
31	70.73	---	71.16	71.11	---	71.26	---	70.52	---	70.76	70.63	---
MEAN	70.76	70.81	---	70.88	70.99	71.09	70.99	70.81	---	70.92	---	70.60
MAX	71.11	71.03	---	71.11	71.39	71.32	71.26	71.30	---	71.07	---	70.70
MIN	70.50	70.70	---	70.61	70.80	70.93	70.65	70.47	---	70.76	---	70.49

GADSDEN COUNTY

WELL NUMBER.--303550084345001. Local number 035-434-1, City Well No. 3, City of Quincy.

LOCATION.--Lat 30°35'50", long 84°34'50", in SE¼ NW¼ SW¼ sec. 6, T.2 N., R.3 W., Hydrologic Unit 03120003, at water plant, 0.8 mi (1.3 km) north of intersection of U.S. Highway 90 and State Highway 267 in Quincy, Fla.

DESCRIPTION.--Drilled, unused, public-supply artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 to 6 in (20 to 15 cm), depth 701 ft (214 m), cased to 430 ft (131 m).

PERIOD OF RECORD.--February 1961 to July 1964 (bimonthly); January 1965 to April 1974 (semiannually); January to September 1975 (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of 6 in (15 cm) tee, 2.00 ft (0.61 m) above lsd. Land surface datum is 151.46 ft (46.165 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 63.19 ft (19.26 m) above msl Apr. 8; lowest, 62.13 ft (18.94 m) above msl June 1.
Period of record: Highest water level, 68.11 ft (20.76 m) above msl May 7, 1968; lowest, 47.18 ft (14.38 m) above msl July 10, 1961.

REMARKS.--Water level affected by pumping of nearby well.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 6	62.67	Apr. 8	63.19
Dec. 9	62.98	June 1	62.13
Mar. 26	62.93	Aug. 9	62.78

GADSDEN COUNTY

WELL NUMBER.--303614084280601. Local number Lake Tallavana No. 2, Talquin Electric Coop.

LOCATION.--Lat 30°36'14", long 84°28'06", in NE¼ SW¼ NE¼ sec.6 T.2N., R.2W., Hydrologic Unit 03120003, 0.3 mi (0.5 km) south of State Highway 12 and 2.6 mi (4.2 km) west of Havana, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 520 ft (158 m), cased to 398 ft (121 m).

PERIOD OF RECORD.--December 1974 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of 6 in (15 cm) casing, 1.3 ft (0.4 m) above lsd. Land surface datum is 200.82 ft (61.210 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 59.11 ft (18.02 m) above msl Feb. 1; lowest, 56.81 ft (17.32 m) above msl Apr. 30. Period of record: Highest water level, 59.98 ft (18.28 m) above msl Aug. 7, 1975; lowest, 53.46 ft (16.29 m) above msl Jan. 2, 1975.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59.01	58.53	57.97	57.75	59.11	58.36	58.60	57.05	58.36	58.49	58.37	57.97
2	58.99	58.52	57.89	57.84	58.79	58.27	58.57	57.04	58.38	58.59	58.37	57.93
3	58.91	58.50	57.82	57.99	58.70	58.22	58.56	57.06	58.39	58.68	58.37	57.87
4	58.82	58.46	57.76	57.47	58.64	58.22	58.54	57.14	58.37	---	58.35	57.82
5	58.89	58.40	57.74	57.77	58.62	58.18	58.59	57.21	58.32	---	58.42	57.90
6	58.92	58.46	57.77	57.42	58.70	58.15	58.55	57.25	58.53	---	58.42	57.91
7	58.95	58.47	57.87	58.05	58.70	58.15	58.53	57.27	58.74	---	58.47	57.88
8	58.97	58.47	57.95	58.08	58.67	58.26	58.50	57.32	58.86	---	58.52	57.79
9	58.99	58.47	58.03	57.77	58.61	58.43	58.44	57.34	58.83	---	58.62	57.81
10	59.06	58.46	57.96	57.68	58.44	58.27	58.18	57.40	58.79	---	58.60	57.82
11	59.07	58.42	57.79	57.87	58.47	58.19	58.08	57.49	58.77	---	58.54	57.77
12	59.07	58.53	57.76	57.88	58.41	58.22	58.02	57.49	58.74	58.88	58.48	57.72
13	59.04	58.46	57.59	57.95	58.37	58.25	57.98	57.46	58.58	58.47	58.49	57.60
14	58.97	58.24	57.57	57.95	58.31	58.21	57.96	57.59	58.47	58.84	58.51	57.66
15	58.97	58.23	57.68	57.90	58.31	58.29	57.94	57.62	58.43	58.77	58.52	57.72
16	59.00	58.25	57.75	57.98	58.36	58.44	57.88	57.57	58.43	58.72	58.55	57.70
17	59.07	58.23	57.74	57.98	58.35	58.26	57.80	57.63	58.39	58.70	58.55	57.55
18	59.07	58.16	57.67	57.79	58.52	58.16	57.75	57.67	58.27	58.70	58.51	57.46
19	---	58.19	57.41	57.57	58.52	---	57.78	57.66	58.26	58.54	58.47	57.39
20	---	58.29	57.54	57.60	58.49	---	57.80	57.58	58.41	58.46	58.41	57.41
21	---	58.26	57.55	57.71	58.40	---	57.78	57.60	58.42	58.48	58.29	57.42
22	---	58.08	57.56	57.71	58.49	---	57.70	57.77	58.44	58.48	58.27	57.33
23	---	58.00	57.56	57.70	58.25	58.02	57.57	58.04	58.42	58.45	58.28	57.13
24	---	58.02	57.56	57.83	58.19	58.03	57.52	58.07	58.49	58.48	58.22	57.23
25	---	58.13	57.71	57.80	58.34	58.07	57.64	58.19	58.51	58.47	58.10	57.34
26	59.05	58.04	57.71	57.86	58.41	58.08	57.58	58.22	58.49	58.46	58.05	57.37
27	59.02	58.03	57.52	57.87	58.46	58.17	57.47	58.30	58.38	58.41	58.04	57.33
28	58.92	57.94	57.47	58.01	58.47	58.21	57.38	58.47	58.43	58.37	58.03	57.33
29	58.80	57.85	57.54	58.40	58.41	58.40	57.05	58.47	58.44	58.31	58.02	57.42
30	58.77	57.97	57.74	58.53	---	58.62	56.92	58.46	58.45	58.37	58.02	57.43
31	58.63	---	57.90	58.81	---	58.72	---	58.42	---	58.37	57.97	---
MEAN	---	58.27	57.71	57.91	58.50	---	57.96	57.67	58.50	---	58.35	57.60
MAX	---	58.53	58.03	58.81	59.11	---	58.60	58.47	58.86	---	58.62	57.97
MIN	---	57.86	57.41	57.57	58.19	---	56.92	57.04	58.26	---	57.97	57.13

GADSDEN COUNTY

WELL NUMBER.--303939084253601. Local number 039-425-1, Magnet Cove Barium Corp.

LOCATION.--Lat 30°39'39", long 84°25'36", in SE¼ SW¼ NW¼ sec. 15, T.3 N., R.2 W., Hydrologic Unit 03120003, 0.2 mi (0.3 km) north of intersection of U.S. Highway 27 and State Highway 159A, 0.8 mi (1.3 km) west of U.S. Highway 27 and 2.7 mi (4.3 km) north of Havana, Fla.

DESCRIPTION.--Drilled, industrial, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 525 ft (160 m), cased to 381 ft (116 m).

PERIOD OF RECORD.--February 1961 to July 1963 and July 1965 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of steel plate, 0.70 ft (0.21 m) above lsd. Land surface datum is 204.43 ft (62.31 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 63.06 ft (19.22 m) above msl June 1; lowest, 62.08 ft (18.92 m) above msl Dec. 9. Period of record: Highest water level, 73.13 ft (22.29 m) above msl Sept. 10, 1965; lowest, 51.71 ft (15.76 m) above msl July 8, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 6	62.94	June 1	63.06
Dec. 9	62.08	Aug. 16	62.84
Mar. 26	62.36		

GILCHRIST COUNTY

WELL NUMBER.--293653082493202. Local Number Gilchrist 936-249-220A (Eastwell), City of Trenton.

LOCATION.--Lat 29°36'53", long 082°49'32", in SE¼ NW¼ sec.16, T.10S., R.15E., Hydrologic Unit 03110205, at fire station in Trenton, Fla., on U.S. Highway 129, 0.1 mi (0.2 km) north of Gilchrist County Courthouse.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120 FLRD), diam 12 in (30 cm), depth 100 ft (30 m), cased to 61 ft (19 m).

PERIOD OF RECORD.--1961 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of 1/2 in (1.27 cm) opening in pump base 1.0 ft (0.3 m) above lsd. Land surface datum is 56.29 ft (17.16 m) above mean sea level.

EXTREMES.--Current year: Highest water level observed, 39.42 ft (12.02 m) below lsd Sept. 9; lowest observed, 44.01 ft (13.41 m) below lsd Oct. 28.
Period of record: Highest water level observed, 22.90 ft (6.98 m) below lsd Aug. 24, 1965; lowest observed, 48.50 ft (14.78 m) below lsd Oct. 23, 1963.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

DATE	DEPTH BELOW LAND SURFACE (FT)	DATE	DEPTH BELOW LAND SURFACE (FT)
OCT.		MAY	
28...	44.01	04...	42.21
JAN.		JULY	
19...	42.48	14...	40.47
MAR.		SEP.	
11...	41.50	09...	39.42

GILCHRIST COUNTY

WELL NUMBER.--294330082445001. Local Number Gilchrist 943-244-310 (Site No. 1), USGS.

LOCATION.--Lat 29°43'30", long 82°44'50", in NW¼ NE¼ sec.7, T.9S., R.16E., Hydrologic Unit 03110206, on southeast corner of intersection of SR 47 and SR 232, 8.5 mi (13.7 km) north of Trenton, Fla.

DESCRIPTION.--Drilled, observation, artesian well in Floridan aquifer (Geologic Unit 120 FLRD) diam 6 in (15 cm), depth 101 ft (31 m), cased to 55 ft (17 m).

PERIOD OF RECORD.--July 1964 to May 1965 (bimonthly), June 1965 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of recorder shelf, 2.75 ft (0.84 m) above lsd. Land surface datum is 84.56 ft (25.77 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 30.73 ft (9.37 m) below lsd Sept. 18; lowest, 38.27 ft (11.66 m) below lsd May 23, 24.
Period of record: Highest water level, 9.88 ft (3.01 m) below lsd Oct. 10, 1965; lowest, 40.15 ft (12.24 m) below lsd many days Aug. 1974.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.02	33.72	34.39	35.26	35.95	36.49	37.14	37.81	37.87	37.26	35.40	32.55
2	34.02	33.74	34.41	35.30	35.99	36.53	37.17	37.84	37.84	37.20	35.37	32.60
3	34.07	33.75	34.45	35.30	36.02	36.55	37.20	37.85	37.80	37.12	35.35	32.65
4	34.04	33.77	34.48	35.31	36.02	36.57	37.21	37.88	37.78	37.05	35.31	32.71
5	34.13	33.82	34.52	35.32	36.04	36.59	37.23	37.94	37.73	36.98	35.21	32.75
6	34.12	33.85	34.55	35.33	36.03	36.61	37.25	37.95	37.70	36.91	34.95	32.80
7	34.10	33.86	34.57	35.33	36.03	36.63	37.27	37.96	37.67	36.89	34.74	32.85
8	34.07	33.85	34.58	35.33	36.05	36.65	37.30	37.99	37.63	36.83	34.51	32.74
9	34.05	33.88	34.60	35.38	36.05	36.67	37.32	38.01	37.61	36.79	34.37	32.60
10	34.02	33.89	34.63	35.40	36.07	36.69	37.35	38.04	37.60	36.72	34.14	32.09
11	34.02	33.92	34.68	35.41	36.10	36.72	37.37	38.07	37.58	36.64	33.97	31.79
12	34.02	33.94	34.72	35.41	36.13	36.73	37.38	38.08	37.56	36.54	33.80	31.57
13	34.03	33.95	34.76	35.42	36.15	36.74	37.41	38.11	37.56	36.46	33.59	31.26
14	34.06	34.00	34.79	35.44	36.16	36.77	37.43	38.13	37.54	36.38	33.31	31.06
15	34.10	34.03	34.82	35.48	36.18	36.80	37.45	38.15	37.54	36.31	33.05	30.89
16	34.14	34.05	34.83	35.49	36.20	36.80	37.47	38.17	37.52	36.23	32.80	30.80
17	34.17	34.06	34.85	35.52	36.22	36.84	37.50	38.20	37.52	36.17	32.59	30.75
18	34.05	34.09	34.87	35.55	36.24	36.87	37.52	38.21	37.51	36.12	32.41	30.73
19	33.94	34.11	34.92	35.60	36.25	36.88	37.54	38.23	37.50	36.07	32.30	30.74
20	33.87	34.13	34.95	35.64	36.27	36.90	37.56	38.24	37.49	36.03	32.24	30.77
21	33.80	34.13	34.96	35.65	36.30	36.92	37.58	38.24	37.49	35.99	32.20	30.82
22	33.73	34.16	34.99	35.67	36.32	36.94	37.60	38.26	37.49	35.94	32.16	30.90
23	33.70	34.20	35.02	35.70	36.35	36.97	37.63	38.27	37.49	35.87	32.17	31.01
24	33.68	34.23	35.05	35.73	36.38	36.99	37.65	38.27	37.45	35.79	32.17	31.06
25	33.67	34.24	35.07	35.75	36.39	37.02	37.67	38.23	37.44	35.72	32.20	31.13
26	33.67	34.28	35.08	35.78	36.41	37.03	37.71	38.18	37.42	35.67	32.24	31.20
27	33.67	34.29	35.13	35.83	36.43	37.05	37.72	38.12	37.40	35.61	32.29	31.26
28	33.67	34.32	35.17	35.86	36.46	37.07	37.75	38.06	37.32	35.57	32.34	31.33
29	33.68	34.35	35.20	35.88	36.48	37.09	37.77	38.02	37.34	35.54	32.39	31.39
30	33.64	34.38	35.22	35.90	---	37.11	37.80	37.97	37.30	35.49	32.45	31.46
31	33.69	---	35.23	35.93	---	37.12	---	37.92	---	35.44	32.52	---
MONTH	33.57	33.72	34.39	35.26	35.95	36.49	37.14	37.81	37.30	35.44	32.16	30.73
YEAR	MAX	38.27	MIN	30.73	MEAN	35.47						

GULF COUNTY

WELL NUMBER.--293958085211801. Local number 939-521-1, U.S. Air Force.

LOCATION.--Lat 29°39'58", long 85°21'18", in NE¼ NE¼ SE¼ sec. 29, T.9 S., R.11 W., Hydrologic Unit 03140101, 0.3 mi (0.5 km) south of Cape San Blas Lighthouse, 3.2 mi (5.1 km) west of intersection of State Highway 30E and U.S. Highway 98, and 10 mi (16 km) southwest of Port St. Joe, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 595 ft (181 m), cased to 487 ft (148 m).

PERIOD OF RECORD.--April 1961 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of bushing, 1.48 ft (0.45 m) above lsd. Land surface datum is 7.24 ft (2.207 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 8.85 ft (2.70 m) above msl Nov. 13; lowest, 6.20 ft (1.89 m) above msl Sept. 23. Period of record: Highest water level, 9.44 ft (2.88 m) above msl Apr. 27, 1961; lowest, 6.20 ft (1.89 m) above msl Sept. 23, 1976.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 13	8.85	May 13	7.65
Jan. 22	8.39	July 15	7.46
Mar. 11	8.42	Sept 23	6.20

HAMILTON COUNTY

WELL NUMBER.--302323082493501. Local number 019-246-1, A. C. Hogan.

LOCATION.--Lat 30°23'23", long 82°49'35", in NW¼ SW¼ NW¼ sec. 21, T.1 S., R.15 E., Hydrologic Unit 03110201, 0.9 mi (1.4 km) southeast of Genoa, Fla. and about 5.5 mi (8.8 km) northwest of White Springs.

DESCRIPTION.--Drilled domestic artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 215 ft (65.5 m), cased to 185 ft (56.4 m).

PERIOD OF RECORD.--October 1967, May 1970, December 1973, July 1974 (annually); May 1968 to November 1969 and May to September 1975 (semiannually); May to September 1976 (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of hole in sanitary seal, 1.03 ft (0.314 m) above lsd. Land surface datum is 138 ft (42.1 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 52.01 ft (15.85 m) above msl July 15; lowest, 48.71 ft (14.85 m) above msl May 6. Period of record: Highest water level, 59.88 ft (18.251 m) above msl May 8, 1975; lowest, 48.33 ft (14.731 m) above msl Nov. 12, 1968.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

May 6	48.71	Sept. 15	49.76
July 15	52.01		

WELL NUMBER.--302444082465601. Local number 024-246-1, Occidental Corporation of Florida.

LOCATION.--Lat 30°24'44", long 82°46'56", in SE¼ SE¼ NW¼ sec. 11, T.1 S., R.15 E., Hydrologic Unit 03110201, at Occidental Corp. administration building, 0.1 mi (0.2 km) east of intersection of State Highway 137 and 137A, and about 6 mi (10 km) north of White Springs, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 160 ft (49 m), cased to 107 ft (33 m).

PERIOD OF RECORD.--May 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of hole in sanitary seal, 0.8 ft (0.24 m) above lsd. Land surface datum is 123 ft (37.5 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 65.57 ft (19.99 m) below lsd Oct. 30; lowest, 68.06 ft (20.74 m) below lsd May 6. Period of record: Highest water level, 59.02 ft (17.99 m) below lsd May 8, 1975; lowest, 68.06 ft (20.74 m) below lsd May 6, 1976.

REMARKS.--Water levels may be affected by nearby industrial pumpage.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 30	65.57	Mar. 15	66.91
Dec. 31	67.36	May 6	68.06

HAMILTON COUNTY

WELL NUMBER.--302533082460501. Local number 025-246-1, Occidental Corporation of Florida.

LOCATION.--Lat 30°25'33", long 82°46'05", in SE¼ SW¼ SW¼ sec. 1, T.1 S., R.15 E., Hydrologic Unit 03110201, at mine superintendents office, 1.5 mi (2.4 km) east of intersection of State Highway 137 and 137A, and about 6 mi (10 km) north of White Springs, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 240 ft (73 m), cased to 160 ft (49 m).

PERIOD OF RECORD.--May 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of hole in sanitary seal, 0.70 ft (0.21 m) above lsd. Land surface datum is 130 ft (40 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level 72.32 ft (22.04 m) below lsd July 15; lowest, 75.67 ft (23.06 m) below lsd May 6. Period of record: Highest water level, 66.08 ft (20.14 m) below lsd May 8, 1975; lowest, 75.67 ft (23.06 m) below lsd May 6, 1976.

REMARKS.--Water levels may be affected by nearby industrial pumpage.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 30	72.56	May 6	75.67
Dec. 31	75.03	July 15	72.32
Mar. 15	74.49	Sept 15	74.75

WELL NUMBER.--303622083050601. Local number 036-305-1, Ben Bates.

LOCATION.--Lat. 30°36'22", long 83°05'06", in NW¼ SE¼ NE¼ sec. 2, T.2 N., R.12 E., Hydrologic Unit 03110201, 0.7 mi (1.1 km) northeast of Jennings, Fla. and 1.3 mi (2.1 km) south of Florida - Georgia state line.

DESCRIPTION.--Drilled, irrigation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 10 in (25 cm), depth 273 ft (83 m), cased to 60 ft (18 m).

PERIOD OF RECORD.--January to July 1961 (semiannually); March 1962 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of 6 in (15 cm) drop pipe at lsd or reference point; bottom of discharge pipe 2.0 ft (0.6 m) above lsd. Land surface datum is 148.70 ft (45.32 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 51.81 ft (15.79 m) above msl July 13: lowest, 44.14 ft (13.45 m) above msl May 4. Period of record: Highest water level, 67.80 ft (20.66 m) above msl May 10, 1973; lowest, 38.6 ft (11.6 m) above msl May 16, 1968. Water-level was lower on Nov. 4, 1968, when water was below pump column.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 30	45.22	May 4	44.14
Dec. 31	44.42	July 13	51.81
Mar. 11	48.07	Sept 15	45.28

HOLMES COUNTY

WELL NUMBER.--304322085561401. Local number 4,043-556-1, Mrs. Dan Hughes.

LOCATION.--Lat 30°43'22", long 85°56'14", in SE¼ NE¼ SE¼ sec. 28, T.4 N., R.17 W., Hydrologic Unit 03140203, at water tower, south of Louisville and Nashville Railroad tracks in Ponce de Leon, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 187 ft (57 m), length of casing unknown.

PERIOD OF RECORD.--June 1938 (annually); September 1947 to current year (bimonthly). Published since September 1947.

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point; top of reducing tee, 1.50 ft (0.46 m) above lsd. Land surface datum is 62.18 ft (18.95 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 66.14 ft (20.16 m) above msl Nov. 16; lowest, 63.86 ft (19.46 m) above msl Sept. 14.
Period of record: Highest water level, 69.08 ft (21.06 m) above msl May 6, 1964; lowest, 62.20 ft (18.96 m) above msl Nov. 6, 1974.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 16	66.14		
Mar. 6	65.80	July 13	64.69
May 11	64.29	Sept 14	63.86

JACKSON COUNTY

WELL NUMBER.--304230084532301. Local number 23, 042-453-1, Florida State Hospital.

LOCATION.--Lat 30°42'30", long 84°53'23", in NE¼ NE¼ NW¼ sec. 36, T.4 N., R.7 W., Hydrologic Unit 03130011, 300 ft (91.4 m) south of paved road, 0.5 mi (0.8 km) east of intersection of paved road and U.S. Highway 90, and 2.1 mi (3.3 km) east of Sneads, Fla.

DESCRIPTION.--Drilled, irrigation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 12 in (30 cm), depth 475 ft (145 m), cased to 100 ft (30 m).

PERIOD OF RECORD.--September 1950 to February 1955; January 1955 to current year (bimonthly). Published since September 1950.

INSTRUMENTATION.--Tape measured. Measuring point; hole in pump base, 2.42 ft (0.74 m) above lsd. Land surface datum is 94.63 ft (28.84 m) above mean sea level. Prior to Feb. 15, 1955 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 71.44 ft (21.78 m) above msl May 11; lowest, 68.57 ft (20.90 m) above msl Sept. 14.
Period of record: Highest water level, 78.23 ft (23.84 m) above msl Mar. 9, 1966; lowest, 50.87 ft (15.50 m) above msl Nov. 2, 1951.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 16	70.97	May 11	71.44
Jan. 17	70.81	Sept 14	68.57
Mar. 2	70.50		

LAFAYETTE COUNTY

WELL NUMBER.--295508083162801. Local number 955-316-1, Oneal Boatright.

LOCATION.--Lat. 29°55'08", long 83°16'28", in NE¼ SE¼ SW¼ sec. 36, T.6 S., R.10 E., Hydrologic Unit 03110102, 0.5 mi (0.8 km) southeast of Cooks Hammock, Fla. and 10.5 mi (16.9 km) southwest of Mayo.

DESCRIPTION.--Drilled, unused irrigation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 in (20 cm), depth 134 ft (41 m), length of casing unknown.

PERIOD OF RECORD.--February 1961, July 1974 (annually); July 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing 1.0 ft (0.3 m) above lsd. Land surface datum is 54.55 ft (16.63 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 47.00 ft (14.33 m) above msl Sept. 14; lowest, 43.83 ft (13.36 m) above msl May 10. Period of record: Highest water level, 47.54 ft (14.49 m) above msl Feb. 14, 1961; lowest, 43.45 ft (13.24 m) above msl July 1, 1975.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 29	46.08	May 10	43.83
Dec. 30	45.36	July 14	44.77
Mar. 12	46.45	Sept 14	47.00

WELL NUMBER.--300823083175901. Local number 008-317-1, J. L. Prine.

LOCATION.--Lat 30°08'23", long 83°17'59", in NW¼ SW¼ NW¼ sec. 14, T.4 S., R.10 E., Hydrologic Unit 03110205, 0.5 mi (0.8 km) west of State Highway 53, 0.7 mi (1.1 km) north of U.S. Highway 27 and 3.6 mi (5.8 km) southwest of Day, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 10 in (25 cm), depth 106 ft (32 m), length of casing unknown.

PERIOD OF RECORD.--February 1961 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of hole in plug, 0.46 ft (0.14 m) above lsd. Land surface datum is 83.75 ft (25.53 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 46.04 ft (14.03 m) above msl Oct. 29; lowest, 40.67 ft (12.40 m) above msl Sept. 14. Period of record: Highest water level, 66.87 ft (20.38 m) above msl Nov. 5, 1964; lowest, 35.44 ft (10.80 m) above msl Mar. 5, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 29	46.04	May 6	41.28
Dec. 30	44.12	July 14	41.23
Mar. 12	41.92	Sept 14	40.67

LAFAYETTE COUNTY

WELL NUMBER.--295802083121001. Local number 958-312-1, Lester McCray.

LOCATION.--Lat 29°58'02", long 83°12'10", in NW¼ NW¼ NW¼ sec.14, T.6S., R.11E., Hydrologic Unit 03110102, 0.6 mi (1.0 km) southeast of State Highway 51, 5.0 mi (8.0 km) northeast of Cooks Hammock, Fla. and 5.8 mi (9.3 km) south of Mayo.

DESCRIPTION.--Drilled irrigation artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 146 ft (44 m), cased to 112 ft (34 m).

PERIOD OF RECORD.--February 1961 to March 1976 (bimonthly), May to Sept. 1976.

INSTRUMENTATION.--Tape measured. Measuring point; top of casing 0.50 ft (0.15 m) above lsd. Land surface datum is 73.85 ft (22.509 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 69.37 ft (21.14 m) above msl Mar. 12; lowest, 65.61 ft (20.00 m) above msl Aug. 2, 3. Period of record: Highest water level, 70.36 ft (21.45 m) above msl Mar. 2, 1964; lowest, 62.13 ft (18.94 m) above msl Nov. 4, 1968.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---		---			---		---	67.96	67.97	65.73	66.09
2	---		---			---		---	67.82	68.15	65.68	66.10
3	---		---			---		---	67.81	68.17	65.70	66.10
4	---		---			---		---	67.78	68.09	65.82	66.10
5	---		---			---		---	67.96	67.91	67.91	66.07
6	---		---			---		66.26	67.99	67.70	65.98	66.05
7	---		---			---		66.21	67.89	67.70	65.99	66.43
8	---		---			---		66.10	67.75	67.87	65.96	67.10
9	---		---			---		66.07	67.57	67.88	65.93	67.24
10	---		---			---		66.03	67.41	67.90	65.81	67.26
11	---		---			---		65.98	67.29	67.84	65.72	67.29
12	---		---			69.37		65.90	67.15	67.70	65.71	67.19
13	---		---			---		65.81	66.99	67.54	66.00	67.19
14	---		---			---		65.75	66.85	67.38	66.35	67.17
15	---		---			---		66.05	66.73	67.22	66.46	67.17
16	---		---			---		66.31	66.66	67.07	66.49	67.10
17	---		---			---		66.57	66.76	66.93	66.47	66.94
18	---		---			---		66.65	66.74	66.78	66.40	66.81
19	---		---			---		66.62	66.83	66.62	66.30	66.69
20	---		---			---		66.59	67.10	66.59	66.19	66.58
21	---		---			---		66.56	67.24	66.39	66.12	66.49
22	---		---			---		66.61	67.25	66.30	66.07	66.39
23	---		---			---		67.46	67.22	66.25	65.98	66.21
24	---		---			---		67.97	67.22	66.16	65.88	66.18
25	---		---			---		68.49	67.12	66.06	65.78	66.16
26	---		---			---		68.55	66.96	65.93	65.82	66.10
27	---		---			---		68.46	66.80	65.84	66.15	66.02
28	---		---			---		68.54	66.71	65.74	66.24	65.93
29	68.10		---			---		68.55	67.04	65.75	66.20	65.86
30	---		67.64			---		68.36	67.31	65.73	66.13	65.89
31	---		---			---		68.14	---	65.71	66.09	---
MEAN	---		---			---		---	67.26	67.00	66.10	66.53
MAX	---		---			---		---	67.99	68.17	67.91	67.29
MIN	---		---			---		---	66.66	65.71	65.68	65.86

LAFAYETTE COUNTY

WELL NUMBER.--301405083163001. Local number 014-316-1, Thedus Dees.

LOCATION.--Lat 30°14'05", long 83°16'30", in NE¼ SE¼ SW¼ sec. 12, T.3 S., R.10 E., Hydrologic Unit 03110205, about 0.8 mi (1.3 km) southwest of Chancey, Fla., and 3.0 mi (4.8 km) northeast of Day.

DESCRIPTION.--Drilled, irrigation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 72 ft (22 m), cased to 30 ft (9 m).

PERIOD OF RECORD.--February 1961, July 1974 (annually); May 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing 4.0 ft (1.2 m) below lsd. Land surface datum is 82.52 ft (25.15 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 65.29 ft (19.90 m) above msl Sept. 14; lowest, 62.68 ft (19.10 m) above msl Dec. 30.
Period of record: Highest water level, 66.94 ft (20.40 m) above msl Feb. 2, 1961; lowest, 62.68 ft (19.10 m) above msl Dec. 30, 1975.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 29	65.12	May 6	62.74
Dec. 30	62.68	July 14	63.34
Mar. 12	63.10	Sept 14	65.29

LEON COUNTY

WELL NUMBER.--302410084200001. Local number 150, 024-420-1, Florida State University.

LOCATION.--Lat 30°24'10", long 84°20'00", in NW¼ SW¼ NE¼ sec. 16, T.1 S., R.1 W., Hydrologic Unit 03120001, 250 ft (76 m) west of Lake Bradford Road and 4.0 mi (6.4 km) southwest of State Capitol in Tallahassee, Fla.

DESCRIPTION.--Drilled observation artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 57 ft (17 m), cased to 57 ft (17 m).

PERIOD OF RECORD.--May 1960 to February 1965; April 1965 to September 1972 (bimonthly); September 1972 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 37.51 ft (11.433 m) above mean sea level. April 30, 1965 to September 7, 1972 tape measured.

EXTREMES.--Current year: Highest water level, 27.12 ft (8.27 m) above msl Oct. 1; lowest, 23.07 ft (7.03 m) above msl May 20, 21. Extremes may have been exceeded during periods of missing records.
Period of record: Highest water level, 31.95 ft (9.74 m) above msl Apr. 12, 1973; lowest, 18.20 ft (5.55 m) above msl June 27, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.12	25.95	24.51	23.61	24.58	24.72	24.21	23.46	24.47	25.58	25.40	25.14
2	27.08	25.91	24.47	23.69	24.58	24.71	24.17	23.46	24.58	25.59	25.40	25.11
3	27.01	25.85	24.41	23.76	24.61	24.70	24.18	23.42	24.65	25.65	25.43	25.06
4	26.96	25.81	24.36	23.78	24.63	24.67	24.17	23.40	24.74	25.69	25.44	25.01
5	26.94	25.75	24.32	23.84	24.67	24.66	24.19	23.35	24.80	25.76	25.46	25.01
6	26.90	25.70	24.28	23.92	24.73	24.65	24.19	23.32	24.87	25.79	25.47	24.99
7	26.86	25.66	24.24	24.01	24.75	24.63	24.19	23.28	24.95	25.81	25.49	24.96
8	26.84	25.63	24.21	24.05	24.80	24.61	24.19	23.27	25.01	25.86	25.51	24.92
9	26.82	25.57	24.19	24.05	24.81	24.60	24.17	23.26	25.05	25.87	25.51	24.89
10	26.81	25.53	24.14	24.10	24.82	24.58	24.12	23.24	25.12	25.89	25.51	24.87
11	26.77	25.48	24.06	24.17	24.84	24.56	24.06	23.22	25.17	25.90	25.50	24.85
12	26.74	25.41	24.01	24.21	24.86	24.54	24.05	23.21	25.19	25.92	25.50	24.81
13	26.70	25.41	23.96	24.24	24.87	24.49	24.03	23.19	25.22	25.93	25.49	24.78
14	26.64	25.32	23.91	24.25	24.86	24.45	24.01	23.16	25.24	25.94	25.49	24.76
15	26.60	25.26	23.87	24.27	24.87	24.41	23.97	23.16	25.24	25.91	25.49	24.74
16	26.55	25.21	23.85	24.32	24.88	24.40	23.95	23.15	25.25	25.91	25.49	24.70
17	26.56	25.16	23.82	24.32	24.89	24.35	23.89	23.14	25.26	25.90	25.51	24.64
18	26.54	25.11	23.79	24.27	24.90	24.29	23.87	23.13	25.26	25.89	25.52	24.58
19	26.50	25.05	23.72	24.25	24.90	24.29	23.85	23.10	25.26	25.88	25.51	24.54
20	26.46	25.01	23.70	24.24	24.87	24.29	23.81	23.09	25.31	25.84	25.50	24.51
21	26.42	24.98	23.70	24.24	24.86	24.28	23.75	23.07	25.31	25.82	25.49	24.47
22	26.41	24.91	23.65	24.24	24.87	24.26	23.72	23.11	25.35	25.80	25.48	24.45
23	26.38	24.85	23.62	24.24	24.81	24.22	23.66	23.28	25.34	25.78	25.48	24.37
24	26.35	24.81	23.59	24.23	24.77	24.21	23.66	23.41	25.35	25.74	25.41	24.34
25	26.31	24.77	23.56	24.21	24.77	24.20	23.65	23.56	25.36	25.70	25.32	24.34
26	26.26	24.73	23.56	24.21	24.76	24.17	23.65	23.70	25.36	25.66	25.29	24.34
27	26.22	24.70	23.52	24.23	24.76	24.21	23.61	23.86	25.42	25.60	25.26	24.32
28	26.16	24.65	23.47	24.26	24.74	24.20	23.57	24.03	25.44	25.56	25.21	24.29
29	26.12	24.59	23.44	24.34	24.73	24.19	23.51	24.17	25.47	25.52	25.16	24.26
30	26.07	24.55	23.46	24.41	---	24.20	23.48	24.27	25.50	25.49	25.13	24.25
31	26.01	---	23.57	24.46	---	24.22	---	24.36	---	25.46	25.15	---
MEAN	26.58	25.24	23.90	24.14	24.79	24.42	23.92	23.41	25.15	25.76	25.42	24.68
MAX	27.12	25.95	24.51	24.46	24.90	24.72	24.21	24.36	25.50	25.94	25.52	25.14
MIN	26.01	24.55	23.44	23.61	24.58	24.17	23.48	23.07	24.47	25.46	25.13	24.25

WTR YR 1976 MEAN 24.79 MAX 27.12 MIN 23.07

LEON COUNTY

WELL NUMBER.--302410084200002. Local number 150A, 024-420-2, Florida State University.

LOCATION.--Lat 30°24'10", long 84°20'00", in NW¼ SW¼ NE¼ sec. 16, T.1 S., R.1 W., Hydrologic Unit 03120001, 250 ft (76.2 m) west of Lake Bradford Road and 4.0 mi (6.4 km) southwest of State Capitol in Tallahassee, Fla.

DESCRIPTION.--Drilled, observation, water-table well in nonartesian sand aquifer (Geologic Unit 110NRSD), diam 1.25 in (3 cm), depth 15 ft (5 m), cased to 12 ft (4 m), well point 12 to 15 ft (4 to 5 m).

PERIOD OF RECORD.--May 1960 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 37.52 ft (11.44 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 32.44 ft (9.89 m) above msl July 12; lowest, 30.60 ft (9.33 m) above msl May 7. Period of record: Highest water level, 36.16 ft (11.02 m) above msl Apr. 4, 1973; lowest, 25.66 ft (7.82 m) above msl June 27, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, JANUARY 1975 TO SEPTEMBER 1976

Oct. 28	32.08	May 7	30.60
Dec. 29	30.64	July 12	32.44
Mar. 16	31.72	Sept 8	31.26

LEON COUNTY

WELL NUMBER.--302518084192401. Local number 025-419-1, U.S. Geological Survey.

LOCATION.--Lat 30°25'18", long 84°19'24", in NW¼ SE¼ SW¼ sec. 3, T.1 S., R.1 W., Hydrologic Unit 03120001, 1.2 mi (1.9 km) west of Lake Bradford Road and 2.8 mi (4.5 km) southwest of State Capitol in Tallahassee, Fla.

DESCRIPTION.--Drilled seismic artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 178 ft (54 m), cased to 58 ft (18 m).

PERIOD OF RECORD.--August 1966 and January 1967 (annually); December 1967 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 89.86 ft (27.39 m) above mean sea level. Prior to December 20, 1967, tape measured.

EXTREMES.--Current year: Highest water level, 26.34 ft (8.03 m) above msl Oct. 1; lowest, 21.99 ft (6.70 m) above msl May 20. Extremes may have been exceeded during periods of missing record.

Period of record: Highest water level, 29.69 ft (9.05 m) above msl Aug. 23, 1966; lowest, 17.77 ft (5.42 m) above msl July 8, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.34	25.00	23.67	22.76	23.83	23.61	23.36	22.34	22.77	23.81	24.22	23.97
2	26.33	24.97	23.61	22.87	23.66	23.54	23.39	22.31	22.86	23.80	24.21	23.96
3	26.21	24.94	23.52	23.02	23.69	23.49	23.36	22.27	22.95	23.91	24.18	23.93
4	26.23	24.91	23.47	23.01	23.69	23.46	23.41	22.24	22.97	24.01	24.24	23.88
5	26.19	24.77	23.41	23.04	23.77	23.42	23.38	22.20	22.99	24.05	24.32	23.90
6	26.16	24.74	23.37	23.16	23.86	23.40	23.37	22.20	23.08	24.09	24.37	23.90
7	26.16	24.76	23.34	23.31	23.86	23.35	23.36	22.14	23.16	24.13	24.44	23.84
8	26.09	24.69	23.33	23.34	23.95	23.36	23.32	22.18	23.21	24.17	24.48	23.78
9	26.02	24.66	23.34	23.21	23.91	23.41	23.26	22.18	23.22	24.21	24.49	23.73
10	25.99	24.61	23.26	23.27	23.89	23.32	23.13	22.18	23.24	24.23	24.44	23.76
11	25.97	24.59	23.17	23.40	23.91	23.31	23.08	22.17	23.29	24.31	24.38	23.72
12	25.92	24.54	23.11	23.41	23.91	23.34	23.05	22.13	23.29	24.35	24.38	23.69
13	25.87	24.49	23.05	23.46	23.90	23.36	23.01	22.10	23.26	24.38	24.42	23.64
14	25.80	24.38	23.02	23.47	23.88	23.37	22.98	22.11	23.27	24.36	24.44	23.62
15	25.76	24.31	23.02	23.47	23.90	23.42	22.96	22.16	23.28	24.31	24.42	23.58
16	25.74	24.28	23.02	23.56	23.92	23.47	22.92	22.12	23.29	24.30	24.41	23.53
17	25.81	24.25	23.03	23.55	23.94	23.40	22.85	22.12	23.28	24.31	24.39	23.45
18	25.71	24.17	23.00	23.41	23.95	23.36	22.80	22.17	23.29	24.31	24.41	23.39
19	25.65	24.14	22.87	23.36	23.91	23.41	22.80	22.08	23.35	24.31	24.39	23.35
20	25.60	24.14	22.90	23.40	23.86	23.41	22.74	22.04	23.42	24.31	24.38	23.31
21	25.58	24.11	22.90	23.44	23.86	23.43	22.72	22.04	23.45	24.34	24.31	23.31
22	25.55	24.01	22.81	23.41	23.89	23.37	22.63	22.10	23.46	24.34	24.31	23.26
23	25.53	23.95	22.77	23.38	23.74	23.32	22.60	22.26	23.48	24.34	24.31	23.14
24	25.48	23.93	22.69	23.39	23.70	23.32	22.57	22.25	23.55	24.29	24.25	23.16
25	25.45	23.90	22.76	23.36	23.71	23.34	22.54	22.27	23.58	24.30	24.17	23.19
26	25.42	23.81	22.75	23.35	23.72	23.33	22.50	22.32	23.58	24.27	24.13	23.18
27	25.37	23.83	22.67	23.35	23.74	23.34	22.47	22.43	23.58	24.24	24.10	23.13
28	25.27	23.75	22.66	23.37	23.70	23.38	22.44	22.47	23.66	24.20	24.06	23.10
29	25.18	23.70	22.66	23.50	23.67	23.36	22.41	22.53	23.72	24.19	24.02	23.06
30	25.14	23.69	22.71	23.57	---	23.41	22.37	22.68	23.76	24.21	23.98	23.05
31	25.04	---	22.79	23.63	---	23.43	---	22.72	---	24.23	23.96	---
MEAN	25.76	24.33	23.05	23.33	23.82	23.39	22.93	22.24	23.31	24.21	24.29	23.52
MAX	26.34	25.00	23.67	23.63	23.95	23.61	23.41	22.72	23.76	24.38	24.49	23.97
MIN	25.04	23.69	22.66	22.76	23.66	23.31	22.37	22.04	22.77	23.80	23.96	23.05

WTR YR 1976 MEAN 23.68 MAX 26.34 MIN 22.04

LEON COUNTY

WELL NUMBER.--302640084170001. Local number 026-417-1, State of Florida.

LOCATION.--Lat 30°26'40", long 84°17'00", in NW¼ SW¼ NE¼ sec. 35, T.1 N., R.1 W., Hydrologic Unit 03120001, behind Herman Gunter Building, at corner of West Tennessee Street and Woodward Street, 2.7 mi (4.3 km) west of State Capitol in Tallahassee, Fla.

DESCRIPTION.--Drilled, observation, artesian well in Floridan aqufier (Geologic Unit 120FLRD), diam 6 to 4 to 3 in (15 to 10 to 8 cm), depth 310 ft (94 m), cased to 146 ft (44 m).

PERIOD OF RECORD.--August 1960 (annually); October 1960 to December 1961; Janaury 1962 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of 6 in (15 cm) casing, 0.86 ft (0.26 m) above lsd. Land surface datum is 100.52 ft (30.64 m) above mean sea level. Since October 15, 1960 water-level recorder, used for display purposes only at Herman Gunter Building.

EXTREMES.--Current year: Highest water level, 25.74 ft (7.85 m) above msl Oct. 28; lowest, 22.08 ft (6.73 m) above msl May 7. Period of record: Highest water level, 32.76 ft (9.98 m) above msl July 1, 1965; lowest, 18.38 ft (5.60 m) above msl Oct. 28, 1968.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 28	25.74	May 7	22.08
Dec. 5	23.38	July 12	24.22
29	22.56	Sept. 8	23.64
Feb. 27	23.59		

WELL NUMBER.--302710084163001. Local number 7,027-416-1, City of Tallahassee.

LOCATION.--Lat 30°27'10", long 84°16'30", in NE¼ SW¼ SW¼ sec. 30, T.1 N., R.1 E., Hydrologic Unit 03120001, in pumphouse at Lafayette Park, 1.3 mi (2.1 km) northeast of State Capitol in Tallahassee, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Florida aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 314 ft (96 m), cased to 165 ft (50 m).

PERIOD OF RECORD.--June 1945 to January 1965; February 1965 to current year (monthly). Published since June 14, 1945.

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 1.20 ft (0.37 m) above lsd. Land surface datum is 186.50 ft (56.84 m) above mean sea level. Prior to Jan. 29, 1965 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 26.04 ft (7.94 m) above msl Oct. 29; lowest, 23.11 ft (7.04 m) above msl May 26. Period of record: Highest water level, 37.66 ft (11.47 m) above msl Apr. 26, 1948; lowest, 16.42 ft (5.00 m) above msl June 14, 1955.

REMARKS.--Water levels affected by pumping of nearby public-supply wells.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 29	26.04	Feb. 27	24.25	June 29	24.71
Nov. 26	24.50	Mar. 29	24.11	July 28	25.07
Dec. 29	23.57	Apr. 28	23.29	Aug. 26	25.04
Jan. 29	24.26	May 26	23.11	Sept 27	23.96

LEON COUNTY

WELL NUMBER.--303142084214601. Local number 031-421-132, U.S. Geological Survey.

LOCATION.--Lat 30°31'42", long 84°21'46", in NE¼ NE¼ SE¼ sec. 31, T.2 N., R.1 W., Hydrologic Unit 03120003, 0.3 mi (0.5 km) south of U.S. Highway 27 and 12 mi (19 km) northwest of State Capitol in Tallahassee, Fla.

DESCRIPTION.--Drilled, test, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 225 ft (69 m), cased to 100 ft (30 m).

PERIOD OF RECORD.--September 1966 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 122.20 ft (37.247 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 36.33 ft (11.07 m) above msl Oct. 1; lowest, 32.90 ft (10.03 m) above msl May 20. Period of record: Highest water level, 40.92 ft (12.47 m) above msl June 29, 1973; lowest, 28.04 ft (8.55 m) above msl Jan. 7, 1972.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.33	35.19	34.00	33.54	34.51	34.04	33.96	33.44	33.92	35.04	35.14	34.80
2	36.30	35.18	33.95	33.57	34.10	33.95	33.95	33.30	34.10	35.04	35.20	34.77
3	36.10	35.16	33.92	33.55	34.05	33.93	33.98	33.20	34.14	35.15	35.20	34.76
4	36.10	35.10	33.89	33.40	33.95	33.90	34.07	33.04	34.16	35.20	35.25	34.75
5	36.15	34.99	33.83	33.33	34.05	33.87	34.03	33.00	34.23	35.18	35.23	34.78
6	36.14	35.00	33.84	33.44	34.17	33.87	34.02	33.02	34.29	35.18	35.25	34.75
7	36.10	35.00	33.88	33.62	34.16	33.85	34.00	33.00	34.35	35.17	35.30	34.67
8	36.12	34.95	33.88	33.74	34.20	33.92	33.96	33.10	34.35	35.18	35.32	34.58
9	35.97	34.90	33.90	33.45	34.13	34.14	33.90	33.09	34.32	35.19	35.33	34.61
10	35.97	34.85	33.78	33.50	34.06	33.90	33.68	33.04	34.30	35.22	35.21	34.66
11	35.99	34.80	33.61	33.68	34.12	33.77	33.70	33.08	34.34	35.28	35.15	34.60
12	35.95	34.92	33.53	33.67	34.08	33.82	33.68	33.04	34.28	35.32	35.17	34.50
13	35.91	34.84	33.47	33.70	34.09	33.86	33.62	33.05	34.18	35.30	35.22	34.44
14	35.86	34.60	33.49	33.71	34.07	33.87	33.60	33.12	34.17	35.23	35.20	34.46
15	35.85	34.55	33.55	33.68	34.11	33.95	33.59	33.22	34.14	35.15	35.18	34.50
16	35.88	34.56	33.57	33.89	34.19	34.07	33.52	33.16	34.19	35.16	35.18	34.44
17	36.17	34.53	33.56	33.82	34.20	33.82	33.47	33.15	34.15	35.16	35.20	34.42
18	35.96	34.44	33.43	33.52	34.25	33.78	33.45	33.14	34.17	35.15	35.20	34.30
19	35.81	34.45	33.25	33.45	34.20	33.84	33.49	32.97	34.27	35.11	35.18	34.28
20	35.72	34.51	33.37	33.55	34.13	33.92	33.49	32.93	34.46	35.11	35.17	34.29
21	35.74	34.47	33.36	33.63	34.15	33.91	33.45	33.01	34.44	35.15	35.10	34.29
22	35.77	34.25	33.31	33.61	34.25	33.80	33.36	33.31	34.40	35.14	35.12	34.20
23	35.71	34.18	33.28	33.57	33.98	33.70	33.29	33.65	34.41	35.11	35.12	34.05
24	35.65	34.22	33.21	33.60	33.95	33.75	33.25	33.62	34.52	35.12	35.08	34.11
25	35.60	34.20	33.38	33.60	34.05	33.82	33.35	33.65	34.55	35.12	34.95	34.14
26	35.57	34.20	33.38	33.60	34.10	33.82	33.29	33.66	34.47	35.10	34.92	34.10
27	35.50	34.20	33.16	33.83	34.10	34.02	33.12	33.80	34.62	35.08	34.88	34.08
28	35.42	34.02	33.10	33.93	34.14	34.20	33.10	34.00	34.72	35.05	34.85	34.07
29	35.38	34.03	33.18	34.15	34.08	34.14	33.07	34.03	34.91	35.02	34.78	34.08
30	35.35	34.05	33.33	34.16	---	34.14	33.11	33.98	35.00	35.09	34.79	34.08
31	35.23	---	33.60	34.11	---	34.11	---	33.88	---	35.12	34.78	---
MEAN	35.85	34.61	33.55	33.66	34.12	33.92	33.59	33.31	34.35	35.15	35.12	34.42
MAX	36.33	35.19	34.00	34.16	34.51	34.20	34.07	34.03	35.00	35.32	35.33	34.80
MIN	35.23	34.02	33.10	33.33	33.95	33.70	33.07	32.93	33.92	35.02	34.78	34.05

WTR YR 1976 MEAN 34.31 MAX 36.33 MIN 32.93

LEON COUNTY

WELL NUMBER.--303142084214602. Local number 031-421-132A, U.S. Geological Survey.

LOCATION.--Lat 30°31'42", long 84°21'46", in NE¼ NE¼ SE¼ sec. 31, T.2 N., R.1 W., Hydrologic Unit 03120003, 0.3 mi (0.5 km) south of U.S. Highway 27 and 12 mi (19 km) northwest of State Capitol in Tallahassee, Fla.

DESCRIPTION.--Drilled test artesian well in sandy clay of Hawthorn formation (Geologic Unit 122HTRNS), diam 6 in (15 cm), depth 54 ft (16 m), cased to 49 ft (15 m), screened from 49 to 54 ft (15 to 16 m).

PERIOD OF RECORD.--September 1966 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 122.26 ft (37.26 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 85.41 ft (26.03 m) above msl July 13, Aug. 1; lowest, 82.50 ft (25.15 m) above msl Jan.9.

Period of record: Highest water level, 93.85 ft (28.60 m) above msl Sept. 30, 1966; lowest, 79.43 ft (24.21 m) above msl Dec. 17, 1972.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84.26	83.69	---	82.95	83.63	83.52	83.49	83.70	83.98	85.11	85.41	84.82
2	84.24	83.74	---	82.80	83.20	83.44	83.41	83.64	84.11	85.07	85.34	84.79
3	84.01	83.78	83.24	82.92	83.03	83.44	83.51	83.51	84.13	85.08	85.22	84.78
4	84.01	83.76	83.18	82.76	82.89	83.46	83.66	83.37	84.12	85.16	85.14	84.78
5	84.11	83.74	83.16	82.63	82.99	83.46	83.68	83.44	84.05	85.16	85.17	84.81
6	84.14	83.81	83.24	82.76	83.20	83.51	83.71	83.49	84.17	85.18	85.21	84.79
7	84.16	83.86	83.36	83.09	83.19	83.51	83.75	83.55	84.34	85.18	85.28	84.69
8	84.16	83.81	83.46	83.14	83.27	83.71	83.76	83.56	84.41	85.20	85.32	84.58
9	84.05	83.79	83.50	82.72	83.20	83.85	83.69	83.56	84.44	85.23	85.31	84.61
10	84.06	83.76	83.26	82.67	83.11	83.64	83.41	83.58	84.51	85.23	85.16	84.62
11	84.08	83.72	83.11	82.92	83.21	83.40	83.45	83.68	84.59	85.29	85.01	84.65
12	84.06	83.88	82.98	82.93	83.22	83.42	83.48	83.66	84.55	85.40	85.04	84.57
13	84.04	83.77	82.93	82.99	83.23	83.47	83.51	83.66	84.52	85.41	85.14	84.46
14	84.03	83.51	82.96	82.99	83.22	83.40	83.51	83.81	84.56	85.38	85.16	84.53
15	84.08	83.41	83.14	82.95	83.21	83.54	83.53	83.82	84.68	85.31	85.11	84.61
16	84.24	83.47	83.23	83.27	83.36	83.71	83.49	83.68	84.71	85.32	85.09	84.59
17	84.41	83.46	83.26	83.26	83.46	83.41	83.50	83.71	84.68	85.35	85.14	84.51
18	84.21	83.41	83.16	82.90	83.58	83.26	83.56	83.74	84.69	85.30	85.13	84.46
19	84.04	83.51	82.76	---	83.56	83.38	83.73	83.56	84.78	85.23	85.09	84.49
20	---	83.66	83.01	---	83.47	83.50	83.76	83.50	84.88	85.20	85.09	84.53
21	---	83.67	83.06	---	83.49	83.50	83.76	83.66	84.88	85.30	84.98	84.57
22	---	83.49	83.06	---	83.59	83.38	83.71	83.91	84.82	85.29	85.02	84.53
23	---	83.34	83.04	---	83.26	83.23	83.61	84.16	84.78	85.28	85.04	84.34
24	---	83.46	83.00	---	83.16	83.33	83.66	84.10	84.91	85.36	85.01	84.27
25	---	83.45	83.24	---	83.34	83.45	83.78	83.87	84.95	85.36	84.91	84.33
26	---	83.59	83.22	---	83.45	83.45	83.76	83.75	84.91	85.33	84.86	84.31
27	---	83.53	82.88	---	83.53	83.51	83.54	83.71	84.86	85.33	84.85	84.29
28	83.81	83.31	82.78	---	83.60	83.52	83.48	83.93	---	85.30	84.83	84.24
29	83.82	---	82.88	83.06	83.56	83.47	83.50	83.94	85.11	85.28	84.81	84.26
30	83.83	---	83.08	83.16	---	83.56	83.61	83.90	85.13	85.31	84.88	84.26
31	83.72	---	83.21	83.23	---	83.62	---	83.90	---	85.38	84.82	---
MEAN	---	---	---	---	83.32	83.49	83.60	83.71	---	85.27	85.08	84.54
MAX	---	---	---	---	83.63	83.85	83.78	84.16	---	85.41	85.41	84.82
MIN	---	---	---	---	82.89	83.23	83.41	83.37	---	85.07	84.81	84.24

LEON COUNTY

WELL NUMBER.--303728084101201. Local number 36A,037-410-2, U.S. Geological Survey.

LOCATION.--Lat 30°37'28", long 84°10'12", in SE¼ SE¼ SW¼ sec. 30, T.3 N., R.2 E., Hydrologic Unit 0312003, at Dawkins Pond Church, 100 ft (30.5 m) west of U.S. Highway 319, and 5.2 mi (8.4 km) north of Bradfordville, Fla.

DESCRIPTION.--Drilled, observation, water-table well in sandy clay of Hawthorn formation (Geologic Unit 122HTRNS), diam 1.25 (3.18 cm), depth 41 ft (12.5 m), cased to 38 ft (12 m), screened from 38 to 41 ft (11.6 to 12.5 m). Well deepened April 1955 from 30 to 41 ft (9 to 12.5 m).

PERIOD OF RECORD.--December 1935 to June 1937 (weekly); July 1942 to March 1943 (monthly); March 1943 to December 1943 (weekly); January 1947 to current year (monthly). Published Dec. 30, 1935 to Dec. 1943, Jan. 1947 to current year. Prior to January 1955 published as Leon 36.

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 3.85 ft (1.17 m) above lsd. Land surface datum is 102.12 ft (31.13 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 98.08 ft (29.90 m) above msl June 29; lowest, 85.20 ft (25.97 m) above msl Dec. 25.
Period of record: Highest water level, 104.07 ft (31.72 m) above msl Apr. 27, 1965; lowest, 68.46 ft (20.87 m) above msl Feb. 28, 1957.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 29	90.28	Feb. 27	91.80	June 29	98.08
Nov. 26	87.51	Mar. 29	92.66	July 28	95.95
Dec. 25	85.20	Apr. 28	90.06	Aug. 26	94.71
Jan. 29	92.81	May 26	97.83	Sept 27	92.83

LEVY COUNTY

WELL NUMBER.--291048083011801. Local Number Levy 910-301-212, Town of Cedar Key.

LOCATION.--Lat 29°10'48", long 83°01'18", in NE¼ NE¼ NE¼ sec. 17, T.15S., R.13 E., Hydrologic Unit 03110101, city well No. 2 at Cedar Key Water Plant 300 ft (91 m) west of intersection of SR 347 and SR 24, 3.4 mi (5.5 km) north of Cedar Key, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120 FLRD), diam 8 in (20 cm), depth 106 ft (32 m), cased to 41 ft (12 m).

PERIOD OF RECORD.--1970 (annual), 1971-72 (semi-annual), 1973 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; 1 1/2 in (4 cm) riser pipe 2.5 ft (0.8 m) above lsd. Land surface datum is 8.44 ft (2.57 m) above mean sea level.

EXTREMES.--Current year: Highest water level observed, 5.79 ft (1.76 m) Jan. 19; lowest observed, 6.25 ft (1.90 m) May 4.
Period of record: Highest water level observed, 5.27 ft (1.61 m) Jan. 6, 1971; lowest observed, 6.46 ft (1.97 m) July 5, 1973.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

DATE	DEPTH BELOW LAND SURFACE (FT)	DATE	DEPTH BELOW LAND SURFACE (FT)
NOV.		MAY	
26...	5.83	04...	6.25
JAN.		JULY	
19...	5.79	14...	5.97
MAR.		SEP.	
11...	6.09	09...	5.86

LEVY COUNTY

WELL NUMBER.--291118083010601. Local Number Levy 911-301-02, Town of Cedar Key.

LOCATION.--Lat 29°11'18", long 083°01'06", in SW¼ NW¼ NE¼ sec.9, T.15S., R.13E., Hydrologic Unit 03110101, 50 ft (15 m) west of SR 347 and 0.6 mi (1.0 km) north of SR 24 and 6 mi (10 km) north of Cedar Key, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120 FLRD), diam 8 in (20 cm), depth 98 ft (30 m), cased to 41 ft (12 m).

PERIOD OF RECORD.--November 1970 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; 1 1/2 in (4 cm) riser pipe, 2.3 ft (0.7 m) above lsd. Land surface datum is 8.33 ft (2.54 m) above mean sea level.

EXTREMES.--Current year: Highest water level observed, 5.59 ft (1.70 m) below lsd Jan. 19; lowest observed, 6.10 ft (1.86 m) below lsd May 4.
Period of record: Highest water level observed, 5.03 ft (1.53 m) below lsd Sept. 4, 1972, lowest observed, 6.67 ft (2.03 m) below lsd May 8, 1974.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

DATE	DEPTH BELOW LAND SURFACE (FT)	DATE	DEPTH BELOW LAND SURFACE (FT)
NOV.		MAY	
26...	5.75	04...	6.10
JAN.		JULY	
19...	5.59	14...	5.86
MAR.		SEP.	
11...	5.91	09...	5.73

LEVY COUNTY

WELL NUMBER.--291414082560901. Local Number Levy 914-256-01, Rosewood.

LOCATION.--Lat 29°14'14", long 82°56'09", in SE¼ SW¼ NW¼ sec. 29, T.14S., R.14E., Hydrologic Unit 03110101, 50 ft (15 m) north of SR 24 at Cedar Key Fire Tower, 11.6 mi (18.7 km) southwest of Otter Creek, Fla.

DESCRIPTION.--Drilled, observation, artesian well in Floridan aquifer (Geologic Unit 120 FLRD), diam 6 to 4 in (15 to 10 cm), depth 442 ft (135 m), cased to 422 ft (129 m).

PERIOD OF RECORD.--October 1975 to September 1976.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of recorder shelf 2.52 ft (0.77 m) above lsd. Land surface datum is 16.93 ft (5.16 m) above mean sea level.

EXTREMES.--Current year: Highest water level 11.01 ft (3.36 m) Oct. 24, 1975; lowest 9.54 ft (2.91 m) May 5, 1976.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAP	APR	MAY	JUN	JUL	AUG	SEP
1	---	10.76	10.52	10.51	10.86	10.38	10.05	9.75	10.46	10.48	10.52	10.56
2	---	10.76	10.51	10.52	10.63	10.35	9.95	9.75	10.51	10.47	10.56	10.53
3	---	10.77	10.43	10.58	10.54	10.34	9.93	9.68	10.50	10.53	10.58	10.54
4	---	10.75	10.36	10.52	10.47	10.33	9.98	9.55	10.49	10.61	10.58	10.59
5	---	10.74	10.35	10.43	10.52	10.29	9.98	9.54	10.45	10.62	10.74	10.58
6	---	10.76	10.37	10.49	10.63	10.30	10.02	9.55	10.44	10.64	10.84	10.53
7	---	10.78	10.43	10.62	10.63	10.34	10.05	9.56	10.49	10.63	10.86	10.48
8	---	10.78	10.51	10.66	10.59	10.42	10.05	9.57	10.49	10.64	10.89	10.46
9	---	10.78	10.55	10.44	10.56	10.48	9.99	9.58	10.46	10.65	10.87	10.50
10	---	10.77	10.47	10.37	10.44	10.42	9.78	9.56	10.45	10.65	10.77	10.62
11	---	10.77	10.29	10.48	10.48	10.29	9.78	9.59	10.48	10.68	10.68	10.59
12	---	10.84	10.22	10.50	10.47	10.29	9.82	9.59	10.42	10.72	10.71	10.52
13	---	10.86	10.18	10.52	10.44	10.29	9.82	9.56	10.34	10.71	10.73	10.53
14	---	10.69	10.19	10.53	10.42	10.28	9.79	9.60	10.32	10.65	10.75	10.54
15	---	10.60	10.30	10.52	10.43	10.33	9.80	9.71	10.33	10.67	10.74	10.57
16	---	10.62	10.35	10.65	10.49	10.43	9.76	9.81	10.30	10.66	10.74	10.55
17	---	10.60	10.39	10.67	10.52	10.25	9.72	9.91	10.26	10.66	10.83	10.50
18	---	10.57	10.38	10.37	10.58	10.16	9.75	9.91	10.21	10.72	10.85	10.51
19	---	10.58	10.14	10.24	10.55	10.14	9.80	9.88	10.23	10.79	10.85	10.54
20	---	10.66	10.23	10.34	10.54	10.20	9.83	9.89	10.30	10.84	10.82	10.57
21	---	10.67	10.32	10.41	10.52	10.20	9.82	10.02	10.34	10.83	10.66	10.63
22	---	10.53	10.25	10.39	10.58	10.16	9.78	10.20	10.36	10.84	10.70	10.60
23	---	10.56	10.21	10.40	10.42	10.06	9.71	10.44	10.34	10.82	10.72	10.47
24	11.01	10.33	10.23	10.44	10.28	10.03	9.68	10.44	10.43	10.77	10.69	10.49
25	10.98	10.50	10.36	10.46	10.37	10.09	9.75	10.40	10.47	10.74	10.62	10.51
26	10.98	10.49	10.39	10.46	10.44	10.09	9.79	10.32	10.40	10.77	10.59	10.49
27	10.94	10.52	10.27	10.52	10.45	10.10	9.70	10.35	10.37	10.75	10.58	10.48
28	10.89	10.45	10.21	10.44	10.47	10.10	9.68	10.44	10.39	10.72	10.57	10.48
29	10.89	10.42	10.27	10.50	10.43	10.06	9.68	10.48	10.42	10.68	10.55	10.48
30	10.90	10.43	10.45	10.55	---	10.10	9.72	10.46	10.42	10.62	10.55	10.51
31	10.79	---	10.57	10.58	---	10.09	---	10.44	---	10.56	10.55	---
MEAN	---	10.64	10.35	10.49	10.51	10.24	9.83	9.92	10.40	10.68	10.70	10.53
MAX	---	10.86	10.57	10.67	10.86	10.48	10.05	10.48	10.51	10.84	10.89	10.63
MIN	---	10.33	10.14	10.24	10.28	10.03	9.68	9.54	10.21	10.47	10.52	10.46

LEVY COUNTY

WELL NUMBER.--291508082432901. Local Number Levy 915-243-431, Town of Gulf Hammock.

LOCATION.--Lat 29°15'08", long 082°43'29", in NE¼ NE¼ SE¼ sec.20, T.14S., R.16E., Hydrologic Unit 03110101, in pump house, 400 ft (122 m) southwest of junction of US 19 and SR 326 in Gulf Hammock, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120 FLRD), diam 4 in (10 cm), depth 300 ft (91 m), cased to 200 ft (61 m).

PERIOD OF RECORD.--1961 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of 4 in (10 cm) casing, 0.5 ft (0.2 m) above lsd. Land surface datum is 13.20 ft (4.02 m) above mean sea level.

EXTREMES.--Current year: Highest water level observed, 2.80 ft (0.85 m) below lsd July 14; lowest observed, 4.04 ft (1.23 m) below lsd May 4.
Period of record: Highest water level observed, 0.88 ft (0.27 m) below lsd Sept. 4, 1970; lowest observed, 6.52 ft (1.99 m) below lsd May 3, 1968.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

DATE	DEPTH BELOW LAND SURFACE (FT)	DATE	DEPTH BELOW LAND SURFACE (FT)
NOV. 07...	3.22	MAY 04...	4.04
JAN. 19...	2.99	JULY 14...	2.80
MAR. 11...	3.47	SEP. 09...	2.81

LEVY COUNTY

WELL NUMBER.--291806082545601. Local Number Levy 918-254-331, USGS.

LOCATION.--Lat 29°18'06", long 082°54'56", in NW¼ SE¼ SW¼ sec.33, T.13S., R.14E., Hydrologic Unit 03110101, on east side of SR 345, 5.3 mi (8.6 km) northeast of SR 24 at Rosewood, Fla.

DESCRIPTION.--Drilled, observation, artesian well in Floridan aquifer (Geologic Unit 120 FLRD), diam 6 in (15 cm), depth 72 ft (22 m), cased to 54 ft (16 m).

PERIOD OF RECORD.--1961 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 2.17 ft (0.66 m) above lsd. Land surface datum is 24 ft (7 m) above mean sea level.

EXTREMES.--Current year: Highest water level observed, 2.36 ft (0.72 m) below lsd July 14; lowest observed, 4.85 ft (1.48 m) below lsd May 4.

Period of record: Highest water level observed, 1.24 ft (0.38 m) below lsd Sept. 15, 1964; lowest observed, 6.93 ft (2.11 m) below lsd July 2, 1968.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

DATE	DEPTH BELOW LAND SURFACE (FT)	DATE	DEPTH BELOW LAND SURFACE (FT)
NOV.		MAY	
26...	3.23	04...	4.85
DEC.		JULY	
31...	3.59	14...	2.36
JAN.		SEP.	
19...	2.75	09...	2.74
MAR.			
11...	3.21		

LEVY COUNTY

WELL NUMBER.--292109082422901. Local Number Levy 921-242-431, Thompson Estate.

LOCATION.--Lat 29°21'09", long 082°42'29", in NE¼ NE¼ SE¼ sec.15, T.13S., R.16E., Hydrologic Unit 03110101, west of forest road OI 1A, 1.8 mi (2.9 km) northeast of SR 24 at a point 500 ft (152 m) north of the Waccasassa River.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120 FLRD), diam 18 in (46 cm), depth 679 ft (207 m), cased to 203 ft (62 m).

PERIOD OF RECORD.--December 1963 to current year (bimonthly).

INSTRUMENTATION.--Pressure-gage measured. Measuring point; top of casing, 1.6 ft (0.5 m) above lsd. Land surface datum is 35 ft (11 m) above mean sea level.

EXTREMES.--Current year: Highest water level observed, 11.2 ft (3.4 m) above lsd Aug. 5; lowest observed, 9.0 ft (2.7 m) above lsd May 4.

Period of record: Highest water level observed, 17.8 ft (5.4 m) above lsd May 5, 1966, lowest observed, 7.2 ft (2.2 m) above lsd June 2, 1967.

WATER LEVEL, IN FEET ABOVE LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

DATE	(FT)	DATE	(FT)
NOV.		MAY	
26...	10.80	04...	9.00
JAN.		AUG.	
19...	10.20	05...	11.20
MAR.		SEP.	
11...	9.80	09...	11.10

LEVY COUNTY

WELL NUMBER.--292430082283001. Local Number Levy 924-228-01, Hugh Barton.

LOCATION.--Lat 29°24'30", long 082°28'30", in NW¼ SE¼ SE¼ sec.26, T.12S., R.18E., Hydrologic Unit 03080102, sinkhole located 1,000 ft (305 m) west of county road 1.3 mi (2.1 km) north of Alt. US 27 at a point 1.0 mi (1.6 km) west of US 41 in Williston, Fla.

DESCRIPTION.--Natural sinkhole in Floridan aquifer (Geologic Unit 120 FLRD), depth 50 ft (15 m).

PERIOD OF RECORD.--1935-1949, 1966 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; painted mark on east side at lsd. Land surface datum is 71.55 ft (21.81 m) above mean sea level.

EXTREMES.--Current year: Highest water level observed, 23.37 ft (7.12 m) below lsd Nov. 26, 1975; lowest observed, 26.45 ft (8.06 m) below lsd May 4, 1976.
Period of record: Highest water level observed, 11.2 ft (3.4 m) below lsd Oct. 1948; lowest observed, 26.84 ft (8.18 m) below lsd July 9, 1975.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DEPTH BELOW LAND SURFACE (FT)	DATE	DEPTH BELOW LAND SURFACE (FT)
NOV. 26...	23.37	MAY 04...	26.45
JAN. 19...	24.53	JULY 14...	26.17
MAR. 11...	25.35	SEP. 09...	25.27

LEVY COUNTY

WELL NUMBER.--292640082381201. Local Number Levy 926-238-241, Hardee Hotel.

LOCATION.--Lat 29°26'40", long 082°38'12", in NE¼ SW¼ NW¼ sec.17, T.12S., R.17E., Hydrologic Unit 03110101, located 60 ft (18 m) west of hotel at junction of Alt. US 27 and SR 337 in Bronson, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120 FLRD), diam 4 in (10 cm), depth 270 ft (82 m), cased to 240 ft (73 m).

PERIOD OF RECORD.--1961, 1963 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; hole in sanitary seal, 0.5 ft (0.2 m) above lsd. Land surface datum is 66 ft (20 m) above mean sea level.

EXTREMES.--Current year: Highest water level observed, 16.53 ft (5.04 m) below lsd Nov. 26; lowest observed, 19.30 ft (5.88 m) below lsd May 4.
Period of record: Highest water level observed, 8.06 ft (2.46 m) below lsd Sept. 14, 1964; lowest observed, 20.81 ft (6.34 m) below lsd Nov. 20, 1963.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

DATE	DEPTH BELOW LAND SURFACE (FT)	DATE	DEPTH BELOW LAND SURFACE (FT)
NOV. 26...	16.53	MAY 05...	18.87
JAN. 19...	16.90	JULY 14...	18.76
MAR. 11...	17.90	SEP. 09...	18.98
MAY 04...	19.30		

LEVY COUNTY

WELL NUMBER.--292843082514201. Local Number Levy 928-251-1 (413 Drummond Lumber Co..

LOCATION.--Lat 29°28'43", long 082°51'42", on NW¼ SE¼ sec.36, T.11S., R.14E., Hydrologic Unit 03110205, in Drummond Lumber Co. shed, 70 ft (21 m) south of Suwannee Street at a point 0.2 mi (0.3 km) west of U.S. 19 and U.S. 98 in Chiefland, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120 FLRD), diam 3 in (8 cm), depth 45 ft (14 m), cased to 45 ft (14 m).

PERIOD OF RECORD.--1961-1965, 1969 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of 3 in (8 cm) coupling, 1.5 ft (0.4 m) above lsd. Land surface datum is 35 ft (11 m) above mean sea level.

EXTREMES.--Current year: Highest water level observed, 18.85 ft (5.74 m) below lsd Nov. 26; lowest observed, 21.25 ft (6.48 m) below lsd May 4.

Period of record: Highest water level observed, 12.74 ft (3.88 m) below lsd Sept. 4, 1970; lowest observed, 22.61 ft (6.89 m) below lsd July 12, 1974.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

DATE	DEPTH BELOW LAND SURFACE (FT)	DATE	DEPTH BELOW LAND SURFACE (FT)
NOV. 26...	18.85	MAY 04...	21.25
JAN. 09...	19.69	JULY 14...	18.97
MAR. 11...	20.00	SEP. 09...	19.44

LIBERTY COUNTY

WELL NUMBER.--301035084403701. Local number 010-440-1, U.S. Forest Service.

LOCATION.--Lat 30°10'35", long 84°40'37", in SW¼ NE¼ NW¼ sec. 31, T.3 S., R.4 W., Hydrologic Unit 03120003, in Apalachicola National Forest at Porter Lake Recreation Area 3.0 mi (4.8 km) east of State Highway 67, and 15 mi (24 km) southeast of Telogia, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 110 ft (34 m), cased to 88 ft (27 m).

PERIOD OF RECORD.--June 1961 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage. Measuring point; top of coupling, 1.0 ft (0.3 m) above lsd. Land surface datum is 22.27 ft (6.79 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 34.67 ft (10.57 m) above msl Oct. 9; lowest, 32.27 ft (9.84 m) above msl June 3. Period of record: Highest water level, 36.27 ft (11.06 m) above msl Mar. 8, 1966; lowest, 29.07 ft (8.86 m) above msl June 26 and Oct. 16, 1961.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 9	34.67	June 3	32.27
Dec. 10	33.27	Aug. 10	33.67
Mar. 24	34.27		

WELL NUMBER.--302321084473501. Local number 023-447-1, C. W. Roberts.

LOCATION.--Lat 30°23'21", long 84°47'35", in NE¼ NE¼ SW¼ sec. 13, T.1 S., R.6 W., Hydrologic Unit 03120003, north of State Highway 20, 0.4 mi (0.6 km) east of intersection of State Highways 65 and 20 in Hosford, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 3 in (8 cm), depth 85 ft (26 m), cased to 70 ft (21 m).

PERIOD OF RECORD.--June 1961 to July 1964 (bimonthly); January 1965 to December 1974 (semiannually); January 1975 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point; top of tee, 0.80 ft (0.24 m) above lsd. Land surface datum is 87.01 ft (26.52 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 89.91 ft (27.40 m) above msl June 3; lowest, 88.81 ft (27.07 m) above msl Aug. 10. Period of record: Highest water level, 91.91 ft (28.01 m) above msl May 6, 1965; lowest, 86.38 ft (26.33 m) above msl Dec. 16, 1974.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 9	89.81	June 3	89.91
Dec. 10	89.61	Aug. 10	88.81
Mar. 24	89.41		

LIBERTY COUNTY

WELL NUMBER.--302823084560601. Local number 028-456-1, St. Joe Paper Company.

LOCATION.--Lat. 30°28'23", long 84°56'06", in NW¼ NE¼ NE¼ sec. 21, T.1 N., R.7 W., Hydrologic Unit 03130011, at abandoned fire tower site, 4.3 mi (6.9 km) north of intersection of State Highways 12 and 20 in Bristol, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 350 ft (107 m), cased to 282 ft (86 m).

PERIOD OF RECORD.--June 1961 to July 1964 (bimonthly); Janaury 1965 to December 1974 (semiannually); January 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of cap, 0.40 ft (0.12 m) above lsd. Land surface datum is 214.40 ft (65.35 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 129.22 ft (39.39 m) above msl Oct. 9; lowest, 128.85 ft (39.27 m) above msl Mar. 24.
Period of record: Highest water level, 131.10 ft (39.96 m) above msl May 6, 1965; lowest, 127.71 ft (38.93 m) above msl Jan. 10, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 9	129.22	June 3	129.15
Dec. 10	129.04	Aug. 10	129.05
Mar. 24	128.85		

MADISON COUNTY

WELL NUMBER.--302822083255501. Local number 18, 028-325-2, Florida Department of Transportation.

LOCATION.--Lat 30°28'22", long 83°25'55", in SW¼ SW¼ NW¼ sec. 21, T.1 N., R.9 E., Hydrologic Unit 03110103, 0.1 mi (0.2 km) south of U.S. Highway 90 and 0.9 mi (1.4 km) west of intersection of State Highway 53 and U.S. Highway 90 in Madison, Fla.

DESCRIPTION.--Drilled, drainage, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 322 ft (98 m), cased to 307 ft (94 m).

PERIOD OF RECORD.--April 1952 to July 1954 (bimonthly); July 1954 to December 1964; January 1965 to current year (bimonthly). Published since April, 1952.

INSTRUMENTATION.--Tape measured. Measuring point; top of cap, 0.12 ft (0.04 m) above lsd. Land surface datum is 100.56 ft (30.65 m) above mean sea level. July 13, 1954 to Dec. 15, 1964 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 77.24 ft (23.54 m) above msl July 13; lowest, 72.66 ft (22.15 m) above msl Dec. 31. Period of record: Highest water level, 94.66 ft (28.85 m) above msl May 10, 1973; lowest, 64.67 ft (19.71 m) above msl Mar. 27, 1957.

REMARKS.--Water-levels affected by pumping of nearby well.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 30	74.08	May 4	73.85
Dec. 31	72.66	July 13	77.24
Mar. 11	74.28	Sept 15	74.68

WELL NUMBER.--302824083400901. Local number 028-340-1, Jerry Hall.

LOCATION.--Lat 30°28'24", long 83°40'09", in NW¼ SW¼ SE¼ sec. 19, T.1 N., R.7 E., Hydrologic Unit 03110103, 0.2 mi (0.3 km) south of U.S. Highway 90 and 2.3 mi (3.7 km) west of Greenville, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 229 ft (70 m), cased to 192 ft (58 m).

PERIOD OF RECORD.--November 1940 (annually); June 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 1.55 ft (0.47 m) above lsd. Land surface datum is 96.38 ft (29.38 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 76.63 ft (23.36 m) above msl July 13; lowest, 74.26 ft (22.63 m) above msl Dec. 31. Period of record: Highest water level, 76.63 ft (23.36 m) above msl July 13, 1976; lowest, 73.38 ft (22.37 m) above msl Nov. 7, 1940.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 30	75.03	May 4	74.89
Dec. 31	74.26	July 13	76.63
Mar. 11	74.99	Sept 15	75.32

MADISON COUNTY

WELL NUMBER.--303212083174301. Local number 032-317-1, Florida Forest Service.

LOCATION.--Lat 30°32'12", long 83°17'43", in NE¼ NE¼ NW¼ sec. 35, T.2 N., R.10 E., Hydrologic Unit 03110203, at Gibson Fire Tower, 4.5 mi (7.2 km) north of intersection of State Highways 6 and 255 and 5.5 mi (8.8 km) southeast of Pinetta, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth and length of casing unknown.

PERIOD OF RECORD.--June 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of sanitary seal, 0.9 ft (0.3 m) above lsd. Land surface datum is 165 ft (50 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 106.32 ft (32.41 m) below lsd July 13; lowest, 112.05 ft (34.15 m) below lsd Dec. 31.
Period of record: Highest water level, 106.02 ft (32.32 m) below lsd June 11, 1975; lowest, 112.05 ft (34.15 m) below lsd Dec. 31, 1975.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM OCTOBER 1975 TO SEPTEMBER 1976

Oct. 30	111.22	May 4	110.64
Dec. 31	112.05	July 13	106.32
Mar. 11	109.73	Sept 15	109.06

OKALOOSA COUNTY

WELL NUMBER.--302338086352601. Local number 023-635-231, State of Florida.

LOCATION.--Lat 30°23'38", long 86°35'26", in SE¼ NE¼ SW¼ sec. 19, T.2 S., R.23 W., Hydrologic Unit 03140105, at wayside park, 0.5 mi (0.8 km) east of U.S. Highway 98 bridge over Choctawhatchee Bay, and 2.0 mi (3.2 km) east of Fort Walton Beach, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 5 in (13 cm), depth 696 ft (212 m), cased to 474 ft (144 m).

PERIOD OF RECORD.--July 1966, January 1967 (annually); April 1967 to May 1968; October 1968 to August 1970 (bimonthly); July 1974 (annually); March 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 1.0 ft (0.3 m) above lsd. Land surface datum is 12 ft (3.7 m) above mean sea level (from topographic map). April 6, 1967 to May 9, 1968 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 80.37 ft (24.50 m) below lsd Jan. 16; lowest, 126.15 ft (38.45 m) below lsd July 15. Period of record: Highest water level, 43.60 ft (13.29 m) below lsd Mar. 4, 1968; lowest, 126.15 ft (38.45 m) below lsd July 15, 1976.

REMARKS.--Water levels affected by regional pumpage.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Jan. 16	80.37	July 15	126.15
Mar. 5	84.18	Sept 17	112.60
May 6	107.70		

WELL NUMBER.--30234108629441. Local number 023-629-1, Destin Water Users Inc.

LOCATION.--Lat 30°23'41", long 86°29'44", in sec. *, T.2 S., R.23 W., Hydrologic Unit 03140103, in pumphouse, 0.2 mi (0.3 km) north of intersection of State Highway 30B and U.S. Highway 98 in Destin, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geolgoic Unit 120FLRD), diam 10 in (25 cm), depth 657 ft (200 m), cased to 440 ft (134 m).

PERIOD OF RECORD.--March 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of hole in pump base, 1.0 (0.3 m) above lsd. Land surface datum is 20 ft (6.1 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 30.24 ft (9.22 m) below lsd Jan. 15; lowest, 38.61 ft (11.77 m) below lsd Sept. 17. Period of record: Highest water level, 30.22 ft (9.21 m) below lsd Mar. 10, 1975; lowest, 38.61 ft (11.77 m) below lsd Sept. 17, 1976.

REMARKS.--*Land is not sectionized in this area. Water levels affected by regional pumpage.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 13	34.80	May 5	38.05
Jan. 15	30.24	July 15	36.05
Mar. 4	31.79	Sept 17	38.61

WELL NUMBER.--302346086352401. Local number 023-635-1, Okaloosa Island.

LOCATION.--Lat 30°23'46", long 86°35'24", in NE¼ NE¼ SW¼ sec. 19, T.2 S., R.23 W., Hydrologic Unit 03140105, 1.2 mi (1.9 km) east of intersection of U.S. 98 and Eglin Parkway and 4.6 mi (7.4 km) west of Destin, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 10 in (25 cm), depth 850 ft (259 m), cased to 460 ft (140 m).

PERIOD OF RECORD.--May to September 1976 (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 1.5 ft (0.46 m) above lsd. Land surface datum is 5.09 ft (1.55 m) above mean sea level.

EXTREMES.--Period of record: Highest water level, 100.99 ft (30.78 m) below msl May 6, 1976; lowest, 122.04 ft (37.20 m) below msl July 15, 1976. Water level reported by driller as 5 ft (1.5 m) below msl in February 1962.

REMARKS.--Water levels affected by regional pumpage.

ELEVATION, IN FEET BELOW MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

May 6	100.99	Sept. 17	107.99
July 15	122.04		

WELL NUMBER.--302419086362601. Local number 3,024-636-1, Okaloosa County.

LOCATION.--Lat 30°24'19", long 86°36'26", in SE¼ SE¼ SW¼ sec. 13, T.2 S., R.24 W., Hydrologic Unit 03140105, at Fort Walton Beach Elementary School near corner of intersection of 1st Street, Windham Avenue, and Elgin Parkway in Fort Walton Beach, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 800 ft (244 m), cased to 500 ft (152 m).

PERIOD OF RECORD.--August 1936, November 1946 (annually); April 1947 to July 1968 (bimonthly); January 1969 to May 1970 (semiannually); May 1971, July 1974 (annually); March 1975 to current year (bimonthly). Published since November 19, 1946.

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point; top of hole in pump base, 0.93 ft (0.28 m) above lsd. Land surface datum is 16.44 ft (5.01 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 68.10 ft (20.76 m) below msl Jan. 15; lowest, 96.52 ft (29.42 m) below msl Sept. 16. Period of record: Highest water level, 62.44 ft (19.03 m) above msl Aug. 19, 1936; lowest, 98.49 ft (30.02 m) below msl July 10, 1974.

REMARKS.--Water levels affected by regional pumpage.

ELEVATION, IN FEET BELOW MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 14	76.40	May 5	82.33
Jan. 15	68.10	July 15	91.62
Mar. 4	75.33	Sept 16	96.52

OKALOOSA COUNTY

WELL NUMBER.--302442086394001. Local number 024-639-1, Town of Mary Esther.

LOCATION.--Lat 30°24'42", long 86°39'40", in NE¼ NW¼ SW¼ sec. 16, T.2 S., R.24 W., Hydrologic Unit 30140105, at end of street, 0.3 mi (0.5 km) east of water tower, 0.8 mi (1.3 km) north of U.S. Highway 98 in Mary Esther, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diameter unknown, depth 764 ft (233 m), cased to 594 ft (181 m).

PERIOD OF RECORD.--February 1968, July 1974 (annually); March 1975 to current year (bimonthly).

INSTRUMENTATION.-- Tape measured. Measuring point; top of hole in pump base, 1.5 ft (0.46 m) above lsd. Land surface datum is 20 ft (6.1 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level 64.67 ft (19.71 m) below lsd Jan. 16; lowest, 80.63 ft (24.58 m) below lsd May 6. Period of record: Highest water level, 56.44 ft (17.20 m) below lsd Mar. 10, 1975; lowest, 80.63 ft (24.58 m) below lsd May 6, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 15	66.40	May 6	80.63
Jan. 16	64.67	July 14	76.40
Mar. 5	65.70	Sept 16	78.92

WELL NUMBER.--302606086370502. Local number 026-637-2, Okaloosa County.

LOCATION.--Lat 30°26'06", long 86°37'05", in SE¼ SW¼ SE¼ sec. 2, T.2 S., R.24 W., Hydrologic Unit 03140105, near intersection of Bradford Dr. and Pocahontas Avenue in Ft. Walton Beach, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 to 5 in (15 to 13 cm), depth 570 ft (174 m), cased to 555 ft (169 m).

PERIOD OF RECORD.--June 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of plywood floor 0.55 ft (0.17 m) above lsd. Land surface datum is 15.11 ft (4.61 m) above mean sea level. June 24, 1975 to April 29, 1976, water-level recorder at same site and datum.

EXTREMES.--Period of record: Highest water level, 27.73 ft (8.45 m) below msl Jan. 15, 1976; lowest, 43.89 ft (13.38 m) below msl Apr. 29, 1976.

REMARKS.--Water levels affected by pumping of nearby wells.

ELEVATION, IN FEET BELOW MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 14	32.31	Apr. 29	43.89
Jan. 15	27.73	July 14	39.74
Mar. 5	29.32	Sept 16	43.30

OKALOOSA COUNTY

WELL NUMBER.--302609086375401. Local number 026-637-1, Okaloosa County.

LOCATION.--Lat 30°26'09", long 86°37'54", in SE¼ SE¼ SE¼ sec. 3, T.2 S., R.24 W., Hydrologic Unit 03140105, at Wright Elementary School in Ft. Walton Beach, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 to 4 in (20 to 10 cm), depth 640 ft (195 m), cased to 473 ft (144 m).

PERIOD OF RECORD.--June 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of plywood floor 1.10 ft (0.36 m) above lsd. Land surface datum is 20.82 ft (6.35 m) above mean sea level. June 24, 1975 to April 29, 1976, water-level recorder at same site and datum.

EXTREMES.--Period of record: Highest water level, 34.30 ft (10.46 m) below msl Mar. 5, 1976; lowest, 48.85 ft (14.89 m) below msl Apr. 29, 1976. Water level reported by driller as 22 ft (6.7 m) above msl in April 1961.

REMARKS.--Water level affected by pumping of nearby wells.

ELEVATION, IN FEET BELOW MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 14	37.96	Apr. 29	48.85
Jan. 15	35.20	July 14	44.94
Mar. 5	34.30	Sept 16	48.25

WELL NUMBER.--302739086364801. Local number 027-636-1, Fort Walton Beach.

LOCATION.--Lat 30°27'39", long 86°36'48", in SE¼ NE¼ NE¼ sec. 35, T.1 S., R.24 W., Hydrologic Unit 03140102, near 18th green of Fort Walton Beach golf course, 0.2 mi (0.3 km) south of State Highway 189, and about 3 mi (5 km) north of Fort Walton Beach, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 24 in (61 cm), depth 750 ft (229 m), cased to 500 ft (152 m).

PERIOD OF RECORD.--February to July 1966 (semiannually); July 1974 (annually); March 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of hole in pump base, 1.5 ft (0.5 m) above lsd. Land surface datum is 36.04 ft (10.985 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 34.85 ft (10.62 m) below msl Jan. 16; lowest, 51.87 ft (15.81 m) below msl May 5.
Period of record: Highest water level, 2.17 ft (0.66 m) above msl Feb. 7, 1966; lowest, 53.06 ft (16.17 m) below msl July 18, 1974.
Water-level reported by driller as 39 ft (12 m) above msl in March 1962.

REMARKS.--Water levels affected by regional pumpage.

ELEVATION, IN FEET BELOW MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 14	38.40	May 5	51.87
Jan. 16	34.85	July 14	46.33
Mar. 4	35.42	Sept 16	51.66

OKALOOSA COUNTY

WELL NUMBER.--302747086382001. Local number 027-638-214, U.S. Geological Survey.

LOCATION.--Lat 30°27'47", long 86°38'20", in NE¼ NE¼ NW¼ sec.34, T.1S., R.24W., Hydrologic Unit 03140102, 200 ft (61.0 m) west of North Beal Street, 0.4 mi (0.6 km) north of intersection of North Beal Street and State Highway 189, and about 3 mi (5 km) north of Fort Walton Beach, Fla.

DESCRIPTION.--Drilled test artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 10 in (25 cm), depth 858 ft (262 m), cased to 503 ft (153 m).

PERIOD OF RECORD.--August 1966 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 57.67 ft (17.58 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 22.93 ft (6.99 m) below msl Feb. 1; lowest, 38.63 ft (11.77 m) below msl June 17.
Period of record: Highest water level, 12.60 ft (3.84 m) above msl Feb. 5, 1967 estimated; lowest, 38.63 ft (11.77 m) below msl June 17, 1976.

REMARKS.--Water levels affected by regional pumpage.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-30.63	-29.33	-26.13	-24.23	-22.93	-24.43	-24.83	-34.53	-30.93	-34.33	-35.13	-35.23
2	-30.63	-29.33	-26.03	-24.13	-23.13	-24.83	-24.83	-33.93	-30.93	-35.03	-35.13	-35.13
3	-30.63	-29.33	-26.03	-24.03	-23.23	-24.63	-25.03	-33.83	-30.73	-34.23	-35.13	-35.53
4	-30.53	-29.53	-26.03	-24.13	-23.13	-24.73	-25.43	-34.13	-30.53	-34.23	-35.13	-35.63
5	-30.23	-29.73	-26.03	-24.13	-23.33	-24.63	-25.63	-34.43	-30.53	-34.13	-35.23	-35.53
6	-30.03	-29.53	-25.93	-24.13	-23.13	-25.13	-26.03	-34.93	-30.43	-33.73	-35.63	-35.33
7	-29.83	-29.53	-25.73	-24.13	-23.13	-25.23	-26.23	-34.93	-30.43	-33.23	-36.13	-35.23
8	-29.73	-29.33	-25.73	-23.93	-23.03	-25.43	-27.03	-34.43	-30.53	-33.13	-36.03	-35.03
9	-29.83	-29.03	-25.53	-24.13	-23.13	-25.33	-27.53	-33.93	-30.93	-32.93	-36.33	-34.83
10	-29.53	-28.93	-25.63	-24.23	-23.13	-25.23	-28.13	-33.63	-32.23	-32.83	-37.33	-34.83
11	-29.33	-28.73	-25.93	-24.03	-23.13	-25.03	-28.43	-33.33	-33.23	-32.93	-38.23	-34.93
12	-29.23	-28.33	-26.13	-24.13	-23.13	-25.03	-28.93	-33.13	-33.53	-32.93	-37.63	-34.93
13	-29.23	-28.33	-26.03	-24.03	-23.23	-24.93	-29.53	-33.23	-33.83	-33.13	-37.13	-35.23
14	-29.43	-28.23	-26.03	-24.13	-23.23	-24.83	-29.43	-32.73	-34.53	-33.33	-36.43	-35.63
15	-29.33	-28.03	-26.03	-23.93	-23.33	-24.53	-29.13	-32.43	-35.73	-33.63	-36.33	-36.13
16	-29.03	-27.83	-25.93	-23.83	-23.43	-24.53	-29.13	-32.13	-36.93	-34.13	-36.63	-36.23
17	-28.63	-27.93	-25.73	-23.83	-23.53	-24.53	-29.23	-31.83	-37.83	-34.43	-36.33	-36.73
18	-28.53	-28.03	-25.73	-24.03	-23.53	-24.63	-29.53	-31.73	-38.13	-34.33	-36.33	-37.03
19	-28.53	-28.13	-25.93	-24.13	-23.53	-24.63	-29.83	-31.73	-37.33	-34.43	-36.63	-37.33
20	-28.63	-27.73	-25.83	-23.93	-23.63	-25.03	-30.83	-32.03	-35.93	-34.63	-36.93	-37.43
21	-28.53	-27.63	-25.73	-23.93	-23.53	-25.33	-31.63	-32.53	-35.13	-35.33	-36.73	-37.43
22	-28.53	-27.53	-25.63	-24.03	-23.53	-25.53	-32.73	-32.13	-34.63	-35.93	-37.03	-37.03
23	-28.53	-27.33	-25.63	-23.83	-23.63	-25.53	-33.43	-31.83	-34.73	-36.53	-37.13	-37.03
24	-28.53	-27.13	-25.63	-23.63	-23.63	-25.43	-33.83	-31.63	-34.83	-36.33	-37.03	-37.33
25	-28.53	-27.13	-25.13	-23.63	-23.43	-25.53	-34.33	-31.43	-34.93	-36.53	-36.93	-37.03
26	-28.53	-27.03	-25.03	-23.53	-23.63	-25.33	-33.93	-31.53	-35.33	-36.53	-35.93	-36.83
27	-28.53	-26.93	-24.83	-23.53	-23.63	-24.93	-33.93	-31.43	-35.83	-37.03	-35.53	-36.43
28	-28.83	-26.73	-24.63	-23.53	-23.83	-24.83	-34.03	-30.83	-35.93	-36.93	-35.13	-36.13
29	-28.93	-26.53	-24.63	-23.43	-24.13	-24.93	-34.93	-30.73	-35.53	-36.23	-35.13	-35.83
30	-28.93	-26.33	-24.13	-23.23	---	-24.83	-35.13	-30.63	-34.63	-35.73	-35.33	-35.53
31	-29.33	---	-24.13	-23.13	---	-24.83	---	-30.63	---	-35.13	-35.43	---
MEAN	-29.27	-28.17	-25.59	-23.89	-23.38	-24.98	-29.75	-32.66	-33.89	-34.64	-36.23	-36.02
MAX	-28.53	-26.33	-24.13	-23.13	-22.93	-24.43	-24.83	-30.63	-30.43	-32.83	-35.13	-34.83
MIN	-30.63	-29.73	-26.13	-24.23	-24.13	-25.53	-35.13	-34.93	-38.13	-37.03	-38.23	-37.43

WTR YR 1976 MEAN -29.88 MAX -22.93 MIN -38.23

OKALOOSA COUNTY

WELL NUMBER.--302857086285201. Local number 34, 028-628-1, U.S. Air Force.

LOCATION.--Lat 30°28'57", long 86°28'52", in NW¼ NE¼ SE¼ sec. 19, T.1 S., R.22 W., Hydrologic Unit 03140102, at Postil Point on Eglin Air Force Base, behind Eglin Kindergarten School, and about 3 mi (5 km) south of Niceville, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 508 ft (155 m), cased to 300 ft (91 m).

PERIOD OF RECORD.--September 1947 to July 1964 (bimonthly); January 1965 to May 1970 (semiannually); January 1971, July 1974 (annually); January 1975 to current year (bimonthly). Published September 3, 1947 to December 6, 1951.

INSTRUMENTATION.--Tape measured. Measuring point; top of reducer, 2.30 ft (0.70 m) above lsd. Land surface datum is 7.54 ft (2.30 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 16.93 ft (5.16 m) below msl Jan. 16; lowest, 30.95 ft (9.43 m) below msl Sept. 16.
Period of record: Highest water level, 37.74 ft (11.50 m) above msl Sept. 3, 1947; lowest, 35.26 ft (10.75 m) below msl July 10, 1974.

REMARKS.--Water levels affected by regional pumpage.

ELEVATION, IN FEET BELOW MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 14	22.36	Apr. 30	28.46
Jan. 16	16.93	July 14	28.01
Mar. 4	18.26	Sept 16	30.95

OKALOOSA COUNTY

WELL NUMBER.--303512086375O1. Local number 29, U.S. Air Force.

LOCATION.--Lat 30°35'12", long 86°37'51", in NW¼ NE¼ SE¼ sec. 15, T.1 N., R.24 W., Hydrologic Unit 03140102, at U.S.A.F. Field 5, 6.4 mi (10.3 km) southwest of State Highway 85, 8.3 mi (13.4 km) north of State Highway 189, and 14 mi (23 km) north of Fort Walton Beach, Fla.

DESCRIPTION.--Drilled, unused, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 10 (25 cm), depth 710 ft (216 m), cased to 524 ft (160 m).

PERIOD OF RECORD.--October 1947 to May 1966 (bimonthly); May 1966 to current year. Published since October 28, 1947.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of concrete pump base, 0.75 ft (0.23 m) above lsd. Land surface datum is 178.03 ft (54.264 m) above mean sea level. Prior to May 6, 1966 tape measured.

EXTREMES.--Current year: Highest water level, 28.68 ft (8.74 m) above msl Mar. 9; lowest, 22.83 ft (6.96 m) above msl Sept. 15.
Period of record: Highest water level, 78.23 ft (23.84 m) above msl Oct. 28, 1947; lowest 22.83 ft (6.96 m) above msl Sept. 15, 1976.

REMARKS.--Water levels affected by regional pumpage.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.25	26.34	26.73	27.41	28.43	28.32	28.43	27.90	26.68	25.76	25.23	24.03
2	26.17	26.35	26.75	27.43	28.16	28.29	28.41	27.79	26.62	25.83	25.12	24.03
3	26.05	26.41	26.73	27.50	28.09	28.27	28.44	27.78	26.50	25.82	24.99	24.04
4	26.09	26.38	26.71	27.35	28.00	28.33	28.53	27.37	26.55	25.71	24.99	---
5	26.17	26.39	26.72	27.32	28.01	28.32	28.61	27.42	26.59	25.61	24.99	---
6	26.21	26.48	26.79	27.36	28.11	28.28	28.61	27.43	26.55	25.62	24.94	---
7	26.25	26.53	26.90	27.64	28.06	28.34	28.61	27.38	26.56	25.60	24.98	24.05
8	26.23	26.51	26.99	27.65	28.18	28.57	28.62	27.35	26.58	25.58	24.97	24.01
9	26.16	26.53	27.05	27.32	28.13	28.68	28.55	27.28	26.51	25.56	24.93	23.92
10	26.20	26.50	27.00	27.39	28.07	28.45	28.33	27.22	26.44	25.54	24.86	23.96
11	26.21	26.52	26.88	27.59	28.13	28.39	28.36	27.21	---	25.51	24.70	23.97
12	26.21	26.66	26.86	27.50	28.09	28.40	28.36	27.19	---	25.63	24.68	23.93
13	26.21	26.52	26.84	27.63	28.08	28.38	28.36	27.15	---	25.61	24.73	23.84
14	26.23	26.43	26.88	27.62	28.05	28.34	28.33	27.38	---	25.58	24.73	23.85
15	26.26	26.36	27.03	27.63	28.08	28.50	28.31	27.33	---	25.48	24.65	23.83
16	26.48	26.44	27.11	27.92	28.17	28.61	28.28	27.16	---	25.43	24.55	23.87
17	26.76	26.44	27.17	27.77	28.25	28.31	28.23	27.13	---	25.47	24.55	23.85
18	26.51	26.43	27.02	27.56	28.32	28.30	28.20	27.03	---	25.47	24.53	23.88
19	26.42	26.50	26.93	27.52	28.29	28.39	28.30	26.87	26.33	25.39	24.45	23.92
20	26.38	26.64	27.10	27.62	28.24	28.44	28.31	26.85	26.41	25.34	24.40	24.01
21	26.43	26.57	27.07	27.71	28.33	28.45	28.31	27.07	26.36	25.37	24.33	24.03
22	26.43	26.50	27.09	27.71	28.36	28.32	28.23	27.13	26.29	25.35	24.30	23.94
23	26.44	26.46	27.13	27.85	28.08	28.24	28.13	27.08	26.25	25.36	24.31	23.83
24	26.43	26.56	27.23	27.91	28.06	28.33	28.10	26.95	26.29	25.38	24.33	23.84
25	26.47	26.57	27.53	27.95	28.14	28.40	28.20	26.84	26.25	25.43	24.25	23.86
26	26.48	26.73	27.43	28.03	28.23	28.50	28.13	26.75	26.11	25.41	24.28	23.85
27	26.46	26.76	27.29	27.93	28.24	28.55	27.92	26.83	26.02	25.41	24.23	23.80
28	26.43	26.62	27.27	27.88	28.35	28.53	27.83	26.78	25.92	25.33	24.18	23.76
29	26.37	26.64	27.43	28.03	28.34	28.53	27.83	26.69	25.85	25.29	24.13	23.75
30	26.41	26.68	27.58	28.12	---	28.58	27.92	26.65	25.76	25.26	24.12	23.63
31	26.39	---	27.63	28.21	---	28.59	---	26.68	---	25.25	24.10	---
MEAN	26.33	26.52	27.06	27.68	28.17	28.42	28.29	27.15	---	25.50	24.60	---
MAX	26.76	26.76	27.63	28.21	28.43	28.68	28.62	27.90	---	25.83	25.23	---
MIN	26.05	26.34	26.71	27.32	28.00	28.24	27.83	26.65	---	25.25	24.10	---

SANTA ROSA COUNTY

WELL NUMBER.--302135087094501. Local number 102, 021-709-8, U.S. Geological Survey.

LOCATION.--Lat 30°21'35", long 87°09'45", in NE¼ SW¼ SE¼ sec. 4, T.3 S., R.29 W., Hydrologic Unit 03140105, south of McClure Drive, 0.25 mi (0.40 km) north of U.S. Highway 98 and McClure Drive intersection in Gulf Breeze, Fla.

DESCRIPTION.--Drilled, observation, water-table well in sand of Pleistocene age (Geologic Unit 112 SAND), diam 6 in (15 cm), depth 41 ft (12 m), cased to 31 ft (9 m), screened from 31 to 41 ft (9 to 12 m).

PERIOD OF RECORD.--August 1950 to May 1951 (weekly); May 1951 to September 1964; May 1965 to May 1971 (annually); January 1972 to November 1975 (semiannually); December 1975 to September 1976 (bimonthly). Published since August 8, 1950.

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 11.56 ft (3.52 m) above mean sea level. May 29, 1951 to September 10, 1964 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 10.14 ft (3.09 m) above msl Nov. 15; lowest 5.57 ft (1.70 m) above msl May 6. Period of record: Highest water level, 10.14 ft (3.09 m) above msl Nov. 15, 1975; lowest, 0.98 ft (0.30 m) above msl Jan. 17, 1955.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 15	10.14	May 6	5.57
Dec. 18	8.54	July 14	5.72
Jan. 16	7.59	Sept 15	5.78
Mar. 5	6.39		

WELL NUMBER.--302409086523501. Local number 024-652-1, Louis Woodham.

LOCATION.--Lat 30°24'09", long 86°52'35", in NE¼ NE¼ SW¼ sec. 20, T.2 S., R.26 W., Hydrologic Unit 03140105, 200 ft (61 m) west of intersection of State Highway 87 and U.S. Highway 98, and 450 ft (137 m) north of U.S. Highway 98 in Navarre, Fla.

DESCRIPTION.--Drilled, industrial, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 3 in (8 cm), depth 940 ft (286.5 m), cased to 800 ft (243.8 m).

PERIOD OF RECORD.--March 1961, July 1966 (annually); November 1966 to May 1968 (bimonthly); May 1969 to May 1974 (semiannually); January 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Reference point; top of hole 0.38 ft (0.12 m) below lsd. Land surface datum is 20 ft (6.10 m) above mean sea level (from topographic map). Prior to May 1975 measuring point was top of reducer coupling at lsd.

EXTREMES.--Current year: Highest water level, 3.02 ft (0.92 m) below lsd Mar. 5; lowest, 9.28 ft (3.27 m) below lsd Sept. 15. Period of record: Highest water level, 40.0 ft (12.2 m) above lsd Mar. 1, 1961; lowest 9.28 ft (3.27 m) below lsd Sept. 15, 1976.

REMARKS.--Water-levels affected by regional pumpage.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 15	4.51	May 6	6.03
Jan. 16	4.45	July 14	8.79
Mar. 5	3.02	Sept 15	9.28

REVISIONS.--Revised figures of elevation, in feet above mean sea level, for water year 1975, superseding those published in WRD Fla., 1975 are given herewith:

ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, 1975

May 6	19.01	Sept. 12	14.66
July 9	15.14		

SANTA ROSA COUNTY

WELL NUMBER.--303521087064001. Local number 035-706-1, U.S. Geological Survey.

LOCATION.--Lat 30°35'21", long 87°06'40", in SW¼ SE¼ SW¼ sec. 13, T.1 N., R.29 W., Hydrologic Unit 03140104, 0.9 mi (1.4 km) south of U.S. Highway 90, 2.25 mi (3.62 km) west of intersection of U.S. Highway 90 and State Highway 191A, and 4.9 mi (7.9 km) southwest of Milton, Fla.

DESCRIPTION.--Drilled, observation, artesian well in North Florida sand and gravel aquifer (Geologic Unit 120 NFSG), diam 4 in (10 cm), depth 211 ft (64 m), cased to 206 ft (63 m), screened from 206 to 211 ft (63 to 64 m).

PERIOD OF RECORD.--July 1959 to October 1962; November 1962 to February 1967 (monthly); July 1967 to May 1968 (bimonthly); January 1969 to May 1971 (semiannually); January 1972 to May 1973 (bimonthly); July 1973 to current year (monthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 3.00 ft (0.91 m) above lsd. Land surface datum is 127.28 ft (38.98 m) above mean sea level. Prior to October 30, 1962 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 40.52 ft (12.35 m) above msl May 12; lowest, 37.19 ft (11.34 m) above msl Oct. 15.
Period of record: Highest water level, 45.31 ft (13.81 m) above msl Aug. 26, 27, 1961; lowest, 28.44 ft (8.67 m) above msl July 9, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 15	37.19	Feb. 26	40.12	June 23	40.25
Nov. 19	38.47	Mar. 20	40.40	July 20	40.20
Dec. 17	39.17	Apr. 27	40.36	Aug. 18	39.72
Jan. 23	39.90	May 12	40.52	Sept 13	39.56

WELL NUMBER.--304102086495501. Local number 041-649-1, U.S. Geological Survey.

LOCATION.--Lat 30°41'02", long 86°49'55", in NE¼ NW¼ NE¼ sec. 15, T.2 N., R.26 W., Hydrologic Unit 03140103, 22 ft (7 m) north of U.S. Highway 90, 0.3 mi (0.5 km) east of town of Floridale, and 3.3 mi (5.3 km) east of Harold, Fla.

DESCRIPTION.--Drilled, observation, artesian well in North Florida sand and gravel aquifer (Geologic Unit 120 NFSG), diam 4 in (10 cm), depth 98 ft (30 m), cased to 93 ft (28 m), screened from 93 to 98 ft (28 to 30 m).

PERIOD OF RECORD.--August 1959 to September 1962; September 1962 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of coupling, 3.05 ft (0.93 m) above lsd. Land surface datum is 155.76 ft (47.476 m) above mean sea level. Prior to September 20, 1962 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 105.04 ft (32.02 m) above msl Jan. 17; lowest, 102.62 ft (31.28 m) above msl Sept. 14.
Period of record: Highest water level, 105.04 ft (32.02 m) above msl Jan. 17, 1976; lowest, 82.46 ft (25.13 m) above msl May 6, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 15	103.61	May 7	104.44
Jan. 17	105.04	July 13	103.64
Mar. 6	104.91	Sept 14	102.62

SANTA ROSA COUNTY

WELL NUMBER.--305940086580601. Local number 059-658-1, Florida Forest Service.

LOCATION.--Lat 30°59'40", long 86°58'06", in NW¼ SW¼ SW¼ sec. 29, T.6 N., R.27 W., Hydrologic Unit 03140104, at Camp Henderson Fire Tower, on clay road 5.4 mi (8.7 km) east of State Highway 87, and 11 mi (18 km) northeast of Jay, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 to 3 in (10 to 8 cm), depth 815 ft (248 m), cased to 510 ft (155 m).

PERIOD OF RECORD.--July 1961 (annually); July 1966 to November 1967 (bimonthly); January 1968 to May 1969 (semiannually); January 1974 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of cap, 0.80 ft (0.24 m) above lsd. Land surface datum is 280 ft (85.3 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 164.37 ft (50.10 m) below lsd Nov. 20; lowest, 165.01 ft (50.30 m) below lsd Sept. 13.

Period of record: Highest water level, 152.00 ft (46.33 m) below lsd July 14, 1961; lowest, 165.01 ft (50.30 m) below lsd Sept. 13. 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 20	164.37	May 12	164.61
Jan. 20	164.60	Sept 13	165.01
Mar. 21	164.53		

SUWANNEE COUNTY

WELL NUMBER.--300400082585001. Local number 004-258-334, Valmont Farms of Florida.

LOCATION.--Lat 30°04'00", long 82°58'50", in NE¼ SE¼ NE¼ sec. 11, T.5 S., R.13 E., Hydrologic Unit 03110205, 3.0 mi (4.8 km) northwest of O'Brien, Fla. and about 5.0 mi (8.0 km) southwest of McAlpin.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 136 ft (41 m), cased to 24 ft (7 m).

PERIOD OF RECORD.--August 1968 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of sanitary seal 0.22 ft (0.07 m) above lsd. Land surface datum is 57 ft (17.4 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 33.96 ft (10.35 m) below lsd July 15; lowest, 38.56 ft (11.75 m) below lsd May 5. Period of record: Highest water level, 22.97 ft (7.00 m) below lsd May 10, 1973; lowest, 43.52 ft (13.26 m) below lsd Jan. 6, 1969.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 29	35.23	May 5	38.56
Dec. 30	37.98	July 15	33.96
Mar. 15	37.21	Sept 14	37.63

WELL NUMBER.--301909082490901. Local number 019-249-1, G. E. Poucher.

LOCATION.--Lat 30°19'09", long 82°49'09", in SW¼ NW¼ NE¼ sec. 16, T.2 S., R.15 E., Hydrologic Unit 03110201, 0.4 mi (0.6 km) north of State highway 136, 1.0 mi (1.6 km) west of Interstate 75 and about 4.5 mi (7.2 km) west of White Springs, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 138 ft (42 m), cased to 135 ft (41 m).

PERIOD OF RECORD.--January 1961 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of sanitary seal, 0.33 ft (0.10 m) above lsd. Land surface datum is 90.19 ft (27.49 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 56.46 ft (17.21 m) above msl July 15; lowest, 52.69 ft (15.06 m) above msl Dec. 31. Period of record: Highest water level, 71.25 ft (21.72 m) above msl May 4, 1964; lowest, 52.01 ft (15.85 m) above msl Jan. 6, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 30	55.36	May 5	52.83
Dec. 31	52.69	July 15	56.46
Mar. 15	54.20	Sept 15	53.82

SUWANNEE COUNTY

WELL NUMBER.--301956082574301. Local number 019-257-1, Deep Well Drillers.

LOCATION.--Lat 30°19'56", long 82°57'43", in NW¼ NW¼ NW¼ sec. 7, T.2 S., R.14 E., Hydrologic Unit 03110205, 0.3 mi (0.5 km), north of intersection of U.S. Highway 129 and Interstate 75, and 3.0 mi (4.8 km) north of Live Oak, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 6 in (15 cm), depth 234 ft (71 m), cased to 42 ft (13 m).

PERIOD OF RECORD.--May 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 0.30 ft (0.09 m) above lsd. Land surface datum is 135 ft (41 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 91.43 ft (27.87 m) below lsd Oct. 29; lowest, 94.35 ft (28.76 m) below lsd May 6. Period of record: Highest water level, 87.09 ft (26.54 m) below lsd May 8, 1975; lowest, 94.35 ft (28.76 m) below lsd May 6, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 29	91.43	May 6	94.35
Dec. 31	93.75	July 15	91.71
Mar. 15	93.82	Sept 15	93.95

TAYLOR COUNTY

WELL NUMBER.--300358083305001. Local number 35,003-330-1, Buckeye Cellulose Corporation.

LOCATION.--Lat 30°03'58", long 83°30'50", in NE¼ SE¼ NW¼ sec. 10, T.5 S., R.8 E., Hydrologic Unit 03110102, 1.5 mi (2.4 km) southwest of Fenholloway and 5.3 mi (8.5 km) southeast of Perry, Fla.

DESCRIPTION.--Drilled unused artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 17 to 12 in (43 to 30 cm), depth 230 ft (70 m), cased to 189 ft (58 m).

PERIOD OF RECORD.--June 1946 to current year. Published since June 1946.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing at lsd. Land surface datum is 54.69 ft (16.670 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 37.01 ft (11.28 m) above msl Aug. 17; lowest, 21.69 ft (6.61 m) above msl Dec. 6. Extremes may have been exceeded during periods of missing record.
Period of record: Highest water level, 55.38 ft (16.88 m) above msl Apr. 2, 1948; lowest, 12.19 ft (3.72 m) above msl May 15, 1974.

REMARKS.--Water levels affected by pumping of nearby wells.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	24.09	21.99	22.39	24.29	24.29	25.69	24.33	24.72	26.97	26.32	27.26
2	---	23.89	21.99	22.29	24.39	24.09	25.69	24.05	24.83	27.17	26.29	---
3	---	23.89	22.09	22.49	24.49	24.09	25.59	23.97	24.82	27.24	26.25	---
4	---	23.69	21.89	22.29	24.59	23.89	25.69	23.87	23.68	27.42	26.30	---
5	---	23.49	21.79	22.29	24.69	23.89	25.69	23.75	23.67	27.41	26.06	---
6	---	23.59	21.69	22.19	24.79	23.79	25.89	23.76	25.04	27.51	25.94	---
7	---	23.49	21.79	22.29	24.89	23.69	25.69	23.70	25.23	27.53	25.84	---
8	---	23.49	21.79	22.29	24.89	23.59	25.69	23.61	25.17	27.53	25.73	---
9	---	23.39	22.89	22.29	24.89	23.59	25.69	23.48	25.18	27.62	25.84	---
10	---	23.29	22.79	22.49	24.99	23.69	25.69	23.39	25.24	27.80	34.39	---
11	---	23.19	22.69	22.39	24.99	24.49	25.69	23.36	25.20	27.81	35.03	---
12	---	23.19	22.69	22.49	25.09	24.89	25.69	23.29	25.20	27.81	35.06	---
13	---	23.09	22.69	22.69	24.99	24.79	25.59	23.18	25.11	27.87	27.66	---
14	---	22.99	22.69	22.69	25.09	24.89	25.49	23.18	25.02	27.83	35.64	27.86
15	---	22.99	22.59	22.69	25.09	24.99	25.49	23.10	25.00	27.71	36.30	27.78
16	---	22.89	22.59	22.69	25.09	25.39	25.59	22.94	24.81	27.70	28.36	28.04
17	---	22.79	22.59	22.69	24.99	25.29	25.59	22.95	24.70	27.75	28.36	28.08
18	---	22.79	22.49	22.79	24.99	25.49	25.49	22.85	24.61	27.57	28.71	27.98
19	---	22.79	22.49	22.59	25.09	25.49	25.49	22.86	24.51	27.53	28.11	27.88
20	---	22.69	22.39	22.69	24.99	25.59	25.69	22.69	24.53	27.52	28.08	27.89
21	---	22.79	22.49	22.69	24.89	25.59	25.49	22.76	25.06	27.44	27.93	27.77
22	---	22.69	22.59	22.69	24.89	25.49	25.29	22.84	25.45	27.36	27.72	27.81
23	---	22.49	22.59	22.69	24.79	25.49	25.09	22.78	25.76	27.18	27.90	27.85
24	---	22.59	22.69	22.69	24.99	25.59	24.99	22.82	26.10	27.21	27.64	27.81
25	---	22.49	22.79	22.69	24.69	25.69	24.89	23.48	26.20	27.13	27.58	27.77
26	---	22.39	22.69	22.79	24.69	25.69	24.72	23.91	26.33	27.02	27.38	27.71
27	---	22.39	22.69	22.69	24.69	25.69	24.49	24.30	26.33	26.86	27.38	---
28	---	22.19	22.79	22.89	24.49	25.59	24.55	24.40	26.51	26.75	27.33	---
29	24.49	22.19	22.49	23.69	24.39	25.69	24.44	24.63	26.58	26.60	27.40	---
30	24.19	22.09	22.49	23.89	---	25.69	24.25	24.74	26.90	26.52	27.25	---
31	24.09	---	22.39	24.09	---	25.79	---	24.70	---	26.47	27.26	---
MEAN	---	23.00	22.43	22.68	24.82	24.90	25.37	23.54	25.25	27.35	28.49	---
MAX	---	24.09	22.89	24.09	25.09	25.79	25.89	24.74	26.90	27.87	36.30	---
MIN	---	22.09	21.69	22.19	24.29	23.59	24.25	22.69	23.67	26.47	25.73	---

TAYLOR COUNTY

WELL NUMBER.—300447083343001. Local number 004-334-1, Aluminum Fabricated Products, Inc.

LOCATION.--Lat 30°04'47", long 83°34'30", in NW¼ SE¼ NE¼ sec. 1, T.5 S., R.7 E., Hydrologic Unit 03110102, at Old Perry airbase, 0.1 mi (0.2 km) north of State Highway 362 and 0.4 mi (0.6 km) west of U.S. Highway 98 in Perry, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 10 to 8 in (25 to 20 cm), depth 260 ft (79 m), cased to 179 ft (55 m).

PERIOD OF RECORD.--March 1943 (annually), May 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top edge of coupling 1.9 ft (0.58 m) above lsd. Land surface datum is 45.2 ft (13.78 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 34.70 ft (10.58 m) above msl July 14; lowest, 31.47 ft (9.59 m) above msl Dec. 30. Period of record: Highest water level, 34.70 ft (10.58 m) above msl July 14, 1976; lowest, 31.47 ft (9.59 m) above msl Dec. 30, 1975.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 29	32.72	July 14	34.70
Dec. 30	31.47	Sept 14	33.57
May 10	32.31		

TAYLOR COUNTY

WELL NUMBER.--301145083401201. Local number 011-340-1, Buckeye Cellulose Corp.

LOCATION.--Lat 30°11'45", long 83°40'12", in NW¼ SW¼ NW¼ sec.30, T.3S., R.7E., Hydrologic Unit 03110102, 1.0 mi (1.6 km) west of U.S. Highway 98, about 4 mi (6.4 km) west of Boyd and 7.6 mi (12.2 km) northwest of Perry, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 to 6 in (20 to 15 cm), depth and length of casing unknown.

PERIOD OF RECORD.--August 1975 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of 8 in (20 cm) casing 2.4 ft (0.73 m) above lsd. Land surface datum is 46 ft (14.0 m) above mean sea level (from topographic map). Prior to Aug. 6, 1975 measuring point; top of 6 in (15 cm) casing, 0.75 ft (0.23 m) above lsd.

EXTREMES.--Current year: Highest water level, 3.79 ft (1.16 m) below lsd June 23; lowest, 7.26 ft (2.21 m) below lsd May 2, 3.
Period of record: Highest water level, 3.79 ft (1.16 m) below lsd June 23, 1976; lowest, 7.26 ft (2.21 m) below lsd May 2, 3, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.42	6.35	6.14	4.43		---	4.83	6.65	5.07	4.18	6.77	4.52
2	5.40	6.38	6.21	4.70		---	4.97	6.74	4.60	4.35	6.85	4.70
3	5.57	6.43	6.32	4.86		---	5.07	6.77	4.70	4.58	4.39	4.90
4	5.67	6.50	6.40	4.91		---	5.14	6.82	4.49	4.75	3.88	4.69
5	4.57	6.54	6.44	5.12		---	5.22	6.92	4.56	4.91	4.01	4.40
6	4.46	6.59	6.46	5.20		---	4.91	7.13	4.86	4.08	4.28	4.56
7	4.55	6.54	6.48	5.21		---	4.90	7.21	5.13	4.14	4.52	3.84
8	4.75	6.41	6.23	4.24		---	5.17	6.57	5.31	4.44	4.65	3.89
9	4.96	6.39	6.19	4.46		---	5.34	6.55	5.45	4.63	4.81	4.11
10	5.12	6.46	6.30	4.68		---	5.48	6.60	5.58	4.64	5.00	4.26
11	5.30	6.50	6.43	4.83		---	5.54	6.69	5.69	4.77	5.16	4.41
12	5.44	4.84	6.52	4.88		4.36	5.59	6.81	5.82	4.97	4.85	4.61
13	5.56	4.70	6.58	5.01		4.09	5.67	6.94	5.94	5.07	3.96	4.71
14	5.65	4.97	6.62	5.08		4.21	5.62	6.94	6.07	5.05	4.02	4.61
15	5.74	5.21	6.64	5.23		4.40	5.60	5.74	6.15	5.25	4.25	4.80
16	5.80	5.35	6.65	5.01		3.91	5.75	5.68	5.00	5.41	4.52	4.94
17	4.89	5.50	6.39	4.81		4.08	5.85	5.67	5.05	5.51	4.06	5.08
18	4.96	5.61	6.41	5.17		4.39	5.99	5.90	5.22	5.64	4.03	5.19
19	5.25	5.65	6.51	5.31		4.52	6.08	6.19	5.22	5.76	4.43	5.29
20	5.48	5.59	6.55	5.33		4.63	6.16	6.37	4.02	5.86	4.72	5.38
21	5.62	5.61	6.62	5.36		4.71	6.23	6.51	4.07	5.95	4.90	5.45
22	5.72	5.83	6.69	5.41		4.42	6.28	6.39	3.86	6.07	5.05	5.53
23	5.82	5.89	6.74	5.41		4.48	6.37	3.94	3.79	6.13	5.20	5.67
24	5.90	5.91	6.78	5.51		4.74	6.32	3.95	3.85	6.22	5.34	5.62
25	5.96	6.00	6.11	5.55		4.84	6.42	4.23	4.00	6.33	4.32	5.58
26	6.00	6.03	6.07	4.37		4.89	6.35	4.47	4.30	6.45	4.31	5.67
27	6.07	6.06	6.13	3.84		4.00	6.25	4.68	4.50	6.53	4.47	5.79
28	6.12	6.13	6.24	---		4.06	6.20	4.26	4.24	6.64	4.79	5.86
29	6.15	6.19	5.36	---		4.31	6.30	4.49	4.21	6.62	5.05	5.66
30	6.19	6.21	4.75	---		4.51	6.51	4.80	4.35	6.61	4.28	5.65
31	6.29	---	4.24	---		4.66	---	4.97	---	6.69	4.23	---
MONTH	4.46	4.70	4.24	3.84		---	4.83	3.94	3.79	4.08	3.88	3.84

UNION COUNTY

WELL NUMBER.--300101082245201. Local number 001-224-1, U.S. Geological Survey.

LOCATION.--Lat 30°01'01", long 82°24'52", in SE¼ NW¼ NE¼ sec. 33, T.5 S., R.19 E., Hydrologic Unit 03110206, 40 ft (12 m) north of State Highway 238, 4.6 mi (7.4 km) west of Lake Butler, Fla. and 7.5 mi (12.1 km) east of Providence.

DESCRIPTION.--Drilled, test, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 256 ft (78 m), cased to 198 ft (60 m).

PERIOD OF RECORD.--September 1959 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of hole in plug, 2.0 ft (0.61 m) above lsd. Land surface datum is 152.05 ft (46.34 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 58.36 ft (17.79 m) above msl Oct. 23; lowest, 55.75 ft (16.99 m) above msl May 4.
Period of record: Highest water level, 64.79 ft (19.75 m) above msl Mar. 1, 1965; lowest, 55.75 ft (16.99 m) above msl May 4, 1976.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 23	58.36	Mar. 11	56.83
Dec. 31	57.45	May 4	55.75

UNION COUNTY

WELL NUMBER.--300747082225801. Local number 007-222-1, U.S. Geological Survey.

LOCATION.--Lat 30°07'47", long 82°22'58", in NE¼ NW¼ SE¼ sec. 23, T.4 S., R.19 E., Hydrologic Unit 03110206, about 40 ft (12 m) east of State Highway 231, 0.8 mi (1.4 km) south of Union-Baker county line, and 7.6 mi (12.2 km) north of Lake Butler, Fla.

DESCRIPTION.--Drilled test artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 in (20 cm), depth 724 ft (221 m), cased to 694 ft (212 m).

PERIOD OF RECORD.--November 1958 to current year. Published since November 1958.

INSTURMENTATION.--Water-level recorder. Measuring point; top of coupling 3.00 ft (0.91 m) above lsd. Land surface datum is 152.75 ft (46.558 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 58.89 ft (17.95 m) above msl Oct. 1; lowest, 55.80 ft (17.01 m) above msl May 13.
Period of record: Highest water level, 66.76 ft (20.35 m) above msl Mar. 29, 30, 1965; lowest, 55.80 ft (17.01 m) above msl May 13.

ELEVATION. IN FEET ABOVE MEAN SEA LEVEL. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58.89	58.29	57.85	57.51	57.83	57.25	56.85	56.19	56.62	56.73	56.72	56.07
2	58.87	58.29	57.83	57.46	57.67	57.20	56.75	56.18	56.70	56.71	56.68	56.05
3	58.73	58.30	57.78	57.52	57.43	57.15	56.73	56.10	56.73	56.69	56.60	56.03
4	58.69	58.27	57.71	57.45	57.35	57.10	56.80	56.00	56.73	56.75	56.50	56.05
5	58.73	58.25	57.65	57.33	57.35	57.08	56.79	55.91	56.71	56.78	56.50	56.07
6	58.73	58.28	57.68	57.39	57.49	57.05	56.81	55.93	56.75	56.80	56.51	56.05
7	58.75	58.30	57.75	57.57	57.52	57.05	56.85	55.95	56.85	56.80	56.53	56.00
8	58.74	58.30	57.80	57.65	57.53	57.13	56.86	55.95	56.90	56.81	56.57	55.97
9	58.69	58.30	57.90	57.41	57.49	57.33	56.82	55.95	56.90	56.82	56.56	56.00
10	58.66	58.29	57.88	57.29	57.35	57.25	56.56	55.93	56.90	56.83	56.43	56.10
11	58.66	58.25	57.70	57.45	57.41	57.07	56.53	55.98	56.96	56.87	56.30	56.05
12	58.65	58.36	57.57	57.48	57.36	57.03	56.50	55.96	56.93	56.93	56.28	55.97
13	58.64	58.37	57.50	57.51	57.35	57.05	56.47	55.90	56.86	56.94	56.34	55.97
14	58.60	58.18	57.47	57.50	57.31	57.02	56.44	55.96	56.82	56.93	56.34	56.04
15	58.63	58.04	57.60	57.48	57.30	57.08	56.44	56.03	56.84	56.89	56.30	56.06
16	58.70	58.05	57.65	57.69	57.38	57.21	56.37	56.05	56.84	56.89	56.30	56.06
17	58.85	58.02	57.68	57.73	57.40	57.05	56.31	56.03	56.81	56.88	56.32	56.03
18	58.80	57.95	57.67	57.46	57.45	56.90	56.36	56.05	56.77	56.87	56.32	56.04
19	58.70	57.98	57.47	57.23	57.45	56.92	56.42	56.00	56.75	56.81	56.33	56.09
20	58.63	58.08	57.49	57.33	57.44	56.95	56.47	55.90	56.82	56.79	56.35	56.15
21	58.56	58.09	57.55	57.44	57.39	56.97	56.45	55.98	56.80	56.84	56.23	56.23
22	58.61	58.05	57.55	57.44	57.48	56.90	56.42	56.13	56.73	56.82	56.25	56.20
23	58.60	57.93	57.53	57.45	57.35	56.80	56.35	56.40	56.68	56.79	56.25	56.05
24	58.59	57.93	57.47	57.48	57.12	56.77	56.34	56.40	56.72	56.83	56.23	56.20
25	58.57	57.92	57.59	57.46	57.20	56.86	56.40	56.35	56.74	56.83	56.15	56.19
26	58.57	57.87	57.63	57.46	57.26	56.85	56.40	56.35	56.67	56.78	56.13	56.19
27	58.54	57.91	57.53	57.49	57.29	56.87	56.25	56.38	56.60	56.80	56.08	56.21
28	58.46	57.83	57.44	57.38	57.30	56.87	56.18	56.57	56.69	56.75	56.06	56.28
29	58.45	57.74	57.42	57.47	57.26	56.85	56.14	56.64	56.74	56.71	56.05	56.34
30	58.45	57.77	57.57	57.51	---	56.88	56.18	56.62	56.74	56.70	56.08	56.40
31	58.35	---	57.65	57.50	---	56.86	---	56.60	---	56.71	56.07	---
MEAN	58.65	58.11	57.63	57.47	57.40	57.01	56.51	56.14	56.78	56.81	56.33	56.10
MAX	58.89	58.37	57.90	57.73	57.83	57.33	56.86	56.64	56.96	56.94	56.72	56.40
MIN	58.35	57.74	57.42	57.23	57.12	56.77	56.14	55.90	56.60	56.69	56.05	55.97

WTR YR 1976 MEAN 57.08 MAX 58.89 MIN 55.90

WAKULLA COUNTY

WELL NUMBER.--300740084293001. Local number 007-429-121, U.S. Geological Survey.

LOCATION.--Lat 30°07'40", long 84°29'30", in NW¼ NE¼ NW¼ sec. 24, T.4 S., R.3 W., Hydrologic Unit 03120003, 400 ft (120 m) east of Sopchoppy River, 6.6 m (10.6 km) southwest of intersection of Forest Road 365 and State Highway 315, and 7.8 mi (12.6 km) west of Crawfordville, Fla.

DESCRIPTION.--Drilled, bench mark, artesian well in Hawthorn-limestone aquifer (Geologic Unit 122HTRNN), diam 6 in (15 cm), depth 127 ft (39 m), cased to 121 ft (37 m).

PERIOD OF RECORD.--January 1967 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing, 2.30 ft (0.70 m) above lsd. Land surface datum is 46.91 ft (14.298 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 34.19 ft (10.42 m) above msl June 6-7; lowest, 31.34 ft (9.55 m) above msl Dec. 13-17.

Period of record: Highest water level, 36.91 ft (11.25 m) above msl July 31, 1975; lowest, 24.42 ft (7.44 m) above msl Sept. 14, 1966.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.48	32.13	31.56	33.36	33.41	32.08	33.33	32.11	33.20	33.28	32.73	32.19
2	32.48	32.06	31.56	33.65	33.31	32.04	33.24	32.10	33.22	33.32	32.69	32.23
3	32.45	32.05	31.56	33.69	33.26	32.01	33.18	32.04	33.42	33.39	32.66	32.24
4	32.43	32.02	31.53	33.64	33.21	31.99	33.10	31.97	33.83	33.40	32.78	32.26
5	32.44	31.97	31.51	33.48	33.16	31.97	33.03	31.92	34.10	33.39	32.83	32.46
6	32.43	31.93	31.47	33.37	33.11	31.94	32.93	31.90	34.19	33.34	32.82	32.59
7	32.47	31.91	31.47	33.29	33.06	31.93	32.88	31.86	34.19	33.29	32.79	32.79
8	32.78	31.90	31.46	33.26	33.01	31.92	32.79	31.82	34.08	33.35	32.75	32.94
9	32.92	31.91	31.46	33.21	32.96	33.00	32.71	31.84	33.86	33.45	32.72	33.00
10	33.04	31.91	31.46	33.18	32.88	33.29	32.58	31.84	33.68	33.48	32.64	33.00
11	33.06	31.90	31.41	33.19	32.86	33.38	32.49	31.86	33.54	33.49	32.54	32.99
12	33.06	31.92	31.39	33.19	32.78	33.38	32.44	31.87	33.42	33.61	32.44	32.94
13	33.00	31.92	31.36	33.10	32.71	33.38	32.38	31.87	33.25	33.67	32.40	32.85
14	32.91	31.88	31.35	33.04	32.64	33.30	32.34	31.95	33.09	33.67	32.44	32.77
15	32.81	31.87	31.34	32.93	32.59	33.25	32.30	32.03	32.97	33.64	32.47	32.71
16	32.72	31.88	31.34	32.92	32.55	33.22	32.27	32.14	32.84	33.55	32.48	32.64
17	32.81	31.88	31.36	32.90	32.54	33.17	32.21	32.24	32.70	33.45	32.48	32.53
18	32.92	31.87	31.36	32.72	32.49	33.12	32.17	32.25	32.59	33.33	32.46	32.41
19	32.96	31.84	31.36	32.65	32.46	33.07	32.15	32.25	32.55	33.18	32.39	32.34
20	32.95	31.84	31.44	32.61	32.43	33.05	32.13	32.22	32.64	33.04	32.31	32.26
21	32.93	31.84	31.45	32.61	32.37	32.99	32.07	32.20	32.77	32.93	32.21	32.19
22	32.92	31.78	31.45	32.59	32.36	32.95	32.09	32.45	32.86	32.89	32.13	32.14
23	32.86	31.75	31.45	32.54	32.29	32.90	32.19	32.87	32.88	32.89	32.06	32.04
24	32.77	31.74	31.45	32.49	32.23	32.88	32.21	33.27	32.89	32.86	31.96	32.08
25	32.70	31.73	31.47	32.44	32.22	32.86	32.28	33.65	32.87	32.82	31.89	32.09
26	32.62	31.67	31.49	32.56	32.21	32.82	32.28	33.72	32.85	32.74	31.82	32.09
27	32.54	31.66	31.51	33.03	32.19	32.92	32.25	33.70	32.75	32.71	31.86	32.07
28	32.43	31.61	31.52	33.47	32.16	33.12	32.20	33.62	32.90	32.66	31.95	32.10
29	32.34	31.59	31.65	33.64	32.13	33.29	32.17	33.58	33.10	32.67	31.94	32.28
30	32.30	31.56	32.00	33.61	---	33.37	32.14	33.47	33.25	32.72	31.95	32.34
31	32.22	---	32.72	33.51	---	33.37	---	33.34	---	32.72	32.10	---
MEAN	32.70	31.85	31.51	33.09	32.68	32.84	32.48	32.45	33.22	33.19	32.38	32.45
MAX	33.06	32.13	32.72	33.69	33.41	33.38	33.33	33.72	34.19	33.67	32.83	33.00
MIN	32.22	31.56	31.34	32.44	32.13	31.92	32.07	31.82	32.55	32.66	31.82	32.04

WTR YR 1976 MEAN 32.57 MAX 34.19 MIN 31.34

WAKULLA COUNTY

WELL NUMBER.--300917084121301. Local number 2, 009-412-1, O. P. Shields.

LOCATION.--Lat 30°09'17", long 84°12'13", in SE¼ NE¼ NW¼ sec. 11, T.4 S., R.1 E., Hydrologic Unit 03120001, west of State Highway 363, 0.2 mi (0.3 km) south of post office in St. Marks, Fla. and 2.4 m (3.9 km) south of intersection of U.S. Highway 98 and State Highway 363 at Newport Station.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 65 ft (20 m), cased to 22 ft (7 m).

PERIOD OF RECORD.--March 1937 (annually); October 1946 to April 1947 (semiannually); July 1947 to September 1949 (bimonthly); October 1949 to February 1962; February 1962 to current year (bimonthly). Published since October 21, 1946.

INSTRUMENTATION.--Tape measured. Measuring point; top of casing at lsd. Land surface datum is 3.75 ft (1.14 m) above mean sea level. October 9, 1949 to February 1, 1962 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 2.50 ft (0.76 m) above msl July 12; lowest, 1.92 ft (0.58 m) above msl Oct. 28, May 3.

Period of record: Highest water level, 5.01 ft (1.53 m) above msl Aug. 31, 1950; lowest, 0.53 ft (0.16 m) below msl Oct. 15, 1951.

REMARKS.--Water-levels affected by tidal fluctuations.

ELEVATION, IN FEET ABOVE SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Oct. 28	1.92	May 3	1.92
Dec. 29	2.47	July 12	2.50
Mar. 16	2.33	Sept 8	2.35

WALTON COUNTY

WELL NUMBER.--301946086095701. Local number 019-609-1, Van R. Butler.

LOCATION.--Lat 30°19'46", long 86°09'57", in NW¼ NE¼ NE¼ sec. 17, T.3 S., R.19 W., Hydrologic Unit 03140102, about 300 ft (91 m) north of Gulf of Mexico, 2.2 mi (3.5 km) south of U.S. Highway 98, in Grayton Beach, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 466 ft (142 m), cased to 424 ft (129 m).

PERIOD OF RECORD.--April 1961 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point; top of tee, 1.2 ft (0.37 m) above lsd. Land surface datum is 7.46 ft (2.27 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 17.06 ft (5.20 m) above msl Nov. 21, Jan. 27; lowest, 13.37 ft (4.08 m) above msl Sept. 17.
Period of record: Highest water level, 22.16 ft (6.75 m) above msl May 8, 1964; lowest, 3.92 ft (1.20 m) above msl Oct. 13, 1972.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 21	17.06	May 18	15.76
Jan. 27	17.06	July 23	13.96
Mar. 22	16.86	Sept 17	13.37

WELL NUMBER.--302058086143201. Local number 020-614-1, Eric Allen.

LOCATION.--Lat 30°20'58", long 86°14'32", in SW¼ NE¼ SW¼ sec. 3, T.3 S., R.20 W., Hydrologic Unit 03140102, south of State Highway 30A near Oyster Lake, 0.8 mi (1.3 km) west of State Highway 393 and 1.9 mi (3.1 km) southwest of Santa Rosa Beach, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic [illegible] 120FLRD), diam 4 in (10 cm), depth and length of casing unknown.

PERIOD OF RECORD.--June 1968 to August 1970 (bimonthly); July 1974 (annually); March 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing at lsd. Land surface datum is 6 ft (1.8 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 4.20 ft (1.28 m) below lsd Nov. 13; lowest, 5.36 ft (1.63 m) below lsd July 14.
Period of record: Highest water level, 4.20 ft (1.28 m) below lsd Nov. 13, 1975; lowest, 18.35 ft (5.59 m) below lsd Aug. 17, 1970.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 13	4.20	May 5	4.92
Jan. 15	4.66	July 14	5.36
Mar. 4	4.44	Sept 17	5.24

WALTON COUNTY

WELL NUMBER.--302221086065201. Local number 022-606-1, C. H. McGee, Jr.

LOCATION.--Lat 30°22'21", long 86°06'52", in SW¼ SE¼ SE¼ sec. 26, T.2 S., R.19 W., Hydrologic Unit 03140102, 1.4 mi (2.3 km) northeast of intersection of State Highway 395 and U.S. Highway 98 at Point Washington, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 3 in (8 cm), depth 365 ft (111 m), cased to 65 ft (20 m).

PERIOD OF RECORD.--March 1970 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage. Measuring point; top of reducer, 1.5 ft (0.46 m) above lsd. Land surface datum is 2.30 ft (0.70 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 17.9 ft (5.5 m) above msl Nov. 21, Jan. 27: lowest, 14.2 ft (4.3 m) above msl Sept. 17.

Period of record: Highest water level, 17.9 ft (5.46 m) above msl Nov. 21, 1975 and Jan. 27, 1976; lowest, 5.24 ft (1.60 m) above msl Sept 12, 1972.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 21	17.9	May 18	17.0
Jan. 27	17.9	July 23	14.8
Mar. 22	17.7	Sept 17	14.2

WELL NUMBER.--302231086214301. Local number 022-621-1, M. T. Fontarn.

LOCATION.--Lat. 30°22'31", long 86°21'43", in NE¼ NW¼ NW¼ sec. 33, T.2 S., R.21 W., Hydrologic Unit 03140102, at residence behind Sea and Indian Museum, 2.1 mi (3.4 km) east of Okaloosa-Walton county line and 7.2 mi (11.6 km) west of Santa Rosa Beach, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 420 ft (128 m), cased to 350 ft (107 m).

PERIOD OF RECORD.--June 1968 to September 1970 (bimonthly); July 1974 (annually); March 1975 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing at lsd. Land surface datum is 23 ft (7.0 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 22.03 ft (6.72 m) below lsd Mar. 4; lowest, 28.60 ft (8.72 m) below lsd Sept. 17.

Period of record: Highest water level, 15.08 ft (4.60 m) below lsd June 5, 1968; lowest, 28.70 ft (8.75 m) below lsd July 10, 1974.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 13	23.89	May 5	23.66
Jan. 15	22.90	July 14	26.60
Mar. 4	22.03	Sept 17	28.60

WALTON COUNTY

WELL NUMBER.--302357086100701. Local number 023-610-1, Florida Department of Transportation.

LOCATION.--Lat 30°23'57", long 86°10'07", in SW¼ NW¼ NE¼ sec. 20, T.2 S., R.19 W., Hydrologic Unit 03140102, near south end of U.S. Highway 331 bridge over Choctawhatchee Bay, 2.4 mi (3.9 km) north of U.S. Highway 98, and 3.8 mi (6.1 km) northeast of Santa Rosa Beach, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 3 in (8 cm), depth 337 ft (103 m), length of casing unknown.

PERIOD OF RECORD.--April 1961 to July 1962, May 1968 to May 1969, April 1970 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point; top of coupling 1.10 ft (0.34 m) above lsd. Land surface datum is 5.00 ft (1.52 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 15.3 ft (4.7 m) above msl Nov. 21, Jan. 27; lowest, 11.44 ft (3.49 m) above msl Sept. 17.
Period of record: Highest water level, 19.80 ft (6.04 m) above msl Feb. 28, 1962; lowest, 0.86 ft (0.26 m) above msl Oct. 11, 1972.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 21	15.3	May 18	14.5
Jan. 27	15.3	July 23	12.7
Mar. 22	15.1	Sept 17	11.44

WELL NUMBER.--302637085543301. Local number 026-554-1, William Wilson.

LOCATION.--Lat 30°26'37", long 85°54'33", in NE¼ SE¼ SE¼ sec. 35, T.1 N., R.17 W., Hydrologic Unit 03140203, at Cowford Fish Camp, 0.7 mi (1.1 km) south of State Highway 20, and 3.8 mi (6.1 km) southeast of Bruce, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 3 in (8 cm), depth 196 ft (60 m), cased to 60 ft (18 m).

PERIOD OF RECORD.--June 1968 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage. Measuring point; top of reducer, 0.80 ft (0.24 m) above lsd. Land surface datum is 16 ft (4.9 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 10.20 ft (3.11 m) above lsd Nov. 21; lowest, 5.95 ft (1.81 m) above lsd Sept. 17.
Period of record: Highest water level, 10.20 ft (3.11 m) above lsd Nov. 21, 1975; lowest, 0.75 ft (0.23 m) above lsd Oct. 12, 1972.

WATER LEVEL, IN FEET ABOVE LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 21	10.20	May 14	8.40
Jan. 23	9.80	July 23	6.90
Mar. 22	9.30	Sept 17	5.95

WALTON COUNTY

WELL NUMBER.--302721086101401. Local number 027-610-1, Selma Madara.

LOCATION.--Lat 30°27'21". long 86°10'14", in SW¼ NE¼ NW¼ sec. 32, T.1 S., R.19 W., Hydrologic Unit 03140102, near the west bank at mouth of Bear Creek, and 3.5 mi (5.6 km) southwest of Freeport, Fla.

DESCRIPTION.--Drilled, unused industrial, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 12 in (30 cm), depth 250 ft (76 m), cased to 100 ft (30 m).

PERIOD OF RECORD.--July 1968 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point; top of tee, 2.0 ft (0.6 m) above lsd. Land surface datum is 4 ft (1.2 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 15.0 ft (4.57 m) above lsd Mar. 22; lowest, 8.8 ft (2.68 m) above lsd Sept. 17. Period of record: Highest water level, 15.0 ft (4.57 m) above lsd Mar. 22, 1976; lowest 11.73 ft (3.58 m) below lsd Oct. 11, 1972.

Water-level reported, 31 ft (9.4 m) above lsd in 1931, month unknown.

WATER LEVEL, IN FEET ABOVE LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 20	14.8	May 14	12.4
Jan. 27	14.8	July 23	9.3
Mar. 22	15.0	Sept 17	8.8

WELL NUMBER.--302723086094501. Local number 027-609-1, Owner unknown.

LOCATION.--Lat 30°27'23", long 86°09'45", in NE¼ NE¼ NW¼ sec. 32, T.1 S., R.19 W., Hydrologic Unit 03140102, south of dirt road, 0.35 mi (0.56 km) east of State Highway 83-A and 3.2 mi (5.1 km) south of intersection of State Highway 20 and 83-A in Freeport, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diameter, depth and length of casing unknown.

PERIOD OF RECORD.--March 1975 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage. Measuring point; top of horizontal coupling, 1.0 ft (0.3 m) above lsd. Land surface datum is 2 ft (0.6 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 17.0 ft (5.18 m) above lsd Mar. 4; lowest, 11.2 ft (3.41 m) above lsd Sept. 16. Period of record: Highest water level, 17.0 ft (5.18 m) above lsd Mar. 4, 1976; lowest, 11.2 ft (3.41 m) above lsd Sept. 16, 1976.

WATER LEVEL, IN FEET ABOVE LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 14	16.4	May 5	15.2
Jan. 16	16.7	July 14	13.4
Mar. 4	17.0	Sept 16	11.2

WELL NUMBER.--302841086195201. Local number 028-619-1, R. E. Lalonde.

LOCATION.--Lat 30°28'41", long 86°19'52", in SW¼ NE¼ SE¼ sec. 22, T.1 S., R.21 W., Hydrologic Unit 03140102, 75 ft (23 m) north of State Highway 20, 200 ft (61 m) north of wayside park and 1.2 mi (1.9 km) east of Choctaw Beach, Florida.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer, (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 316 ft (96 m), cased to 132 ft (40 m).

PERIOD OF RECORD.--December 1969, July 1974 (annually); March 1975 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage. Measuring point, top of casing, 2.0 ft (0.61 m) above lsd. Land surface datum is 2 ft (0.6 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Highest water level, 12.4 ft (3.78 m) above lsd Mar. 4; lowest, 8.3 ft (2.53 m) above lsd Sept. 16.
Period of record: Highest water level, 12.4 ft (3.78 m) above lsd Mar. 4, 1976; lowest, 7.0 ft (2.14 m) above lsd Dec. 4, 1969.

WATER LEVEL, IN FEET ABOVE LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 14	10.9	May 5	11.9
Jan. 16	11.7	July 14	10.4
Mar. 4	12.4	Sept 16	8.3

WELL NUMBER.--302912086145801. Local number 029-614-1, R. A. Marsh.

LOCATION.--Lat 30°29'12", long 86°14'58", in NW¼ NW¼ NE¼ sec. 21, T.1 S., R.20 W., Hydrologic Unit 03140102, east of owners home, north of State Highway 20, at the northeast corner of bridge over Basin Bayou, and 3.7 mi (5.9 km) southwest of Freeport, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 2 in (5 cm), depth 160 ft (49 m), length of casing unknown.

PERIOD OF RECORD.--April 1961 to July 1964 (bimonthly); January 1965 to May 1967 (semiannually); January 1968 to current year (bimonthly).

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point; top of coupling, 0.70 ft (0.21 m) above lsd. Land surface datum is 2.48 ft (0.76 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 14.38 ft (4.38 m) above msl Mar. 22; lowest, 11.68 ft (3.56 m) above msl Sept. 17.
Period of record: Highest water level, 23.48 ft (7.16 m) above msl May 8, 1964; lowest, 1.04 ft (0.32 m) above msl Oct. 12, 1972.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 21	14.18	May 14	13.98
Jan. 27	14.18	July 23	12.18
Mar. 22	14.38	Sept 17	11.68

WALTON COUNTY

WELL NUMBER.--302935086074501. Local number 17, 029-607-2, City of Freeport.

LOCATION.--Lat 30°29'13", long 86°08'12", in SW¼ SE¼ SW¼ sec. 15, T.1 S., R.19 W., Hydrologic Unit 03140102, 81 ft (25 m) east northeast of Fourmile Creek and 381 ft (116 m) north northwest of confluence of Fourmile and Lafayette Creek, and 0.4 mi (0.6 km) southeast of City Hall in Freeport, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 8 in (20 cm), depth 187 ft (57 m), length of casing unknown.

PERIOD OF RECORD.--September 1947 to October 1963 (bimonthly); June 1969 (annually); September 1974 to current year (bimonthly). Published Sept. 3, 1947 to October 23, 1963.

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point; top of tee, 3.50 ft (1.07 m) above lsd. Land surface datum is 2.70 ft (0.823 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 22.1 ft (6.74 m) above msl Nov. 20; lowest 14.1 ft (4.29 m) above msl July 23. Period of record: Highest water level, 37.7 ft (11.49 m) above msl Sept. 3, 1947; lowest, 1.60 ft (0.49 m) below msl June 18, 1969.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 20	22.1	May 20	18.5
Jan. 23	21.8	July 23	14.1
Mar. 22	22.0	Sept 17	14.2

WELL NUMBER.--303214085580401. Local number FAF No. 72, 032-558-1, First American Farms.

LOCATION.--Lat 30°32'14", long 85°58'04", in SW¼ SE¼ NW¼ sec. 32, T.2 N., R.17 W., Hydrologic Unit 03140203, about 4 mi (6 km) southwest of Redbay and about 4.5 mi (7.2 km) north of Bruce, Fla.

DESCRIPTION.--Drilled, unused irrigation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 10 in (25 cm), depth 506 ft (154 m), cased to 218 ft (66 m).

PERIOD OF RECORD.--September 1968 to November 1970; November 1970 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 0.50 ft (0.15 m) above lsd. Land surface datum is 123 ft (38 m) above mean sea level (from topographic map). Prior to November 6, 1970 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level 91.99 ft (28.04 m) below lsd Nov. 21; lowest 124.68 ft (38.00 m) below lsd Sept. 17. Period of record: Highest water level, 91.99 ft (28.04 m) below lsd Nov. 21, 1975; lowest 174.20 ft (53.10 m) below lsd July 13, 1970.

REMARKS.--Water-levels affected by nearby irrigation pumpage.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 21	91.99	May 20	97.54
Jan. 27	92.32	July 23	118.39
Mar. 22	92.65	Sept 17	124.68

WALTON COUNTY

WELL NUMBER.--303426086061101. Local number FAF No. 2, 034-606-1, First American Farms.

LOCATION.--Lat 30°34'26", long 86°06'11", in NE¼ NW¼ NW¼ sec. 24, T.1 N., R.19 W., Hydrologic Unit 03140102, 0.2 mi (0.3 km) east of U.S. Highway 331, 1 mi (1.6 km) north of clay road, and 5.5 mi (8.8 km) north of Freeport, Fla.

DESCRIPTION.--Drilled, unused irrigation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 10 in (25 cm), depth 440 ft (134 m), cased to 172 ft (52 m).

PERIOD OF RECORD.--September 1968 to October 1970; November 1970 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing at lsd. Land surface datum is 153.46 ft (46.78 m) above mean sea level. Prior to October 7, 1970 water-level recorder at same site and datum.

EXTREMES.--Current year: Highest water level, 42.33 ft (12.90 m) above msl Nov. 20; lowest, 19.56 ft (5.96 m) above msl July 23. Period of record: Highest water level, 42.33 ft (12.90 m) above msl Nov. 20, 1975; lowest, 45.25 ft (13.79 m) below msl Oct. 11, 1972.

REMARKS.--Water-levels affected by nearby irrigation pumpage.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 20	42.33
Jan. 23	41.57
Mar. 22	40.99
June 8	35.67
July 23	19.56

WELL NUMBER.--303545086064601. Local number 035-606-1, U.S. Air Force.

LOCATION.--Lat 30°35'45", long 86°06'46", in NE¼ NW¼ SE¼ sec. 11, T.1 N., R.19 W., Hydrologic Unit 03140102, at Rock Hill Tower in Rock Hill, 0.1 mi (0.2 km) north of intersection of U.S. Highway 331 and State Highway 282, and 7 mi (11 km) north of Freeport, Fla.

DESCRIPTION.--Drilled, domestic, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 440 ft (134 m), cased 248 ft (76 m).

PERIOD OF RECORD.--June 1968 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 0.60 ft (0.18 m) above lsd. Land surface datum is 210.50 ft (64.160 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 57.47 ft (17.52 m) above msl Mar. 22; lowest, 46.46 ft (14.16 m) above msl Sept. 17. Period of record: Highest water level, 57.47 ft (17.52 m) above msl Mar. 22, 1976; lowest, 8.22 ft (2.50 m) below msl June 26, 1969.

REMARKS.--Water-levels affected by nearby irrigation pumpage.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 20	55.01
Jan. 23	56.49
Mar. 22	57.47
May 20	53.76
July 23	50.56
Sept 17	46.46

WASHINGTON COUNTY

WELL NUMBER.--303025085350501. Local number 030-535-422A, U.S. Geological Survey.

LOCATION.--Lat 30°30'25", long 85°35'05", in SE¼ NW¼ NW¼ sec.7, T.1N., R.13W., Hydrologic Unit 03140101, 0.6 mi (1.0 km) east of road to Deadening Cemetary, 4.2 mi (6.8 km) east of State Highway 77, and 8.6 mi (13.8 km) south of Wausau, Fla.

DESCRIPTION.--Drilled, observation, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 150 ft (46 m), cased to 110 ft (34 m).

PERIOD OF RECORD.--1962 to current year.

INSTRUMENTATION.--Water-level recorder. Measuring point; top of casing, 2.90 ft (0.88 m) above lsd. Land surface datum is 66.11 ft (20.150 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 62.58 ft (19.07 m) above msl Feb. 1; lowest, 60.41 ft (18.41 m) above msl Sept. 23.

Period of record: Highest water level, 64.1 ft (19.54 m) above msl Mar. 31 to Apr. 2, 1965, estimated; lowest, 48.19 ft (14.69 m) above msl Feb. 13, 14, 1969.

REMARKS.--Extremes may have been exceeded during periods of missing record.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	62.35	---	62.58				---	61.49	61.55	61.06
2		---	62.35	---	62.49				---	61.51	61.54	61.05
3		---	62.32	---	62.48				---	61.50	61.54	61.02
4		---	62.30	---	62.46				---	61.45	61.52	61.02
5		---	62.29	---	62.47				---	61.42	61.49	61.06
6		---	62.27	---	62.51				---	61.56	61.46	61.07
7		---	62.27	---	62.51				---	61.54	61.44	61.13
8		---	62.27	---	62.49				---	61.52	61.44	61.11
9		---	62.24	---	62.49				---	61.67	61.43	61.08
10		---	62.24	---	62.44				---	61.67	61.39	61.06
11		---	62.19	---	62.44				---	61.65	61.30	61.01
12		---	62.16	---	62.42				---	61.62	61.26	60.95
13		---	62.16	---	62.41				---	61.67	61.24	60.89
14		---	62.13	---	62.40				---	61.66	61.22	60.86
15		---	62.12	---	62.39				---	61.62	61.19	60.84
16		62.37	62.12	---	62.39				61.46	61.58	61.33	60.80
17		62.36	62.18	---	---				61.56	61.54	61.35	60.74
18		62.33	62.17	---	---				61.57	61.52	61.34	60.70
19		62.32	62.09	---	---				61.55	61.44	61.28	60.67
20		62.34	62.09	---	---				61.59	61.40	61.22	60.64
21		62.36	62.09	---	---				61.52	61.39	61.15	60.61
22		62.32	62.07	---	---				61.52	61.39	61.11	60.59
23		62.31	62.07	61.99	---				61.49	61.40	61.08	60.69
24		62.31	---	61.98	---				61.47	61.39	61.02	60.73
25		62.30	---	61.96	---				61.40	61.42	60.97	60.72
26		62.27	---	62.26	---				61.36	61.42	61.03	60.70
27		62.34	---	62.40	---				61.36	61.40	61.02	60.67
28		62.33	---	62.43	---				61.33	61.39	61.00	60.66
29		62.31	---	62.48	---				61.32	61.44	60.96	60.66
30		62.30	---	62.49	---				61.32	61.59	60.93	60.66
31		---	---	62.51	---				---	61.59	61.02	---
MEAN		---	---	---	---				---	61.51	61.25	60.85
MAX		---	---	---	---				---	61.67	61.55	61.13
MIN		---	---	---	---				---	61.39	60.93	60.59

WASHINGTON COUNTY

WELL NUMBER.--303025085350502. Local number 030-535-422 B, U.S. Geological Survey.

LOCATION.--Lat 30°30'25", long 85°35'05", in SE¼ NW¼ NW¼ sec. 7, T.1 N., R.13 W., Hydrologic Unit 03140101, 0.6 mi (1.0 km) east of road to Deadening Cemetary, 4.2 mi (6.8 km) east of State Highway 77, and 8.6 mi (13.8 km) south of Wausau, Fla.

DESCRIPTION.--Drilled, observation well in nonartesian sand aquifer (Geologic Unit 120NRSD), diam 2 in (5 cm), depth 26 ft (8 m), cased to 23 ft (7 m), screen from 23 to 26 ft (7 to 8 m).

PERIOD OF RECORD.--September 1962 to current year.

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 2.80 ft (0.85 m) above lsd. Land surface datum is 67.48 ft (20.568 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 65.03 ft (19.82 m) above msl Nov. 16; lowest, 63.43 ft (19.33 m) above msl Sept. 13.

Period of record: Highest water level, 66.21 ft (20.18 m) above msl Feb. 20, 1964; lowest, 58.55 ft (17.85 m) above msl Nov. 7, 1972.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 16	65.03	May 11	64.33
Jan. 23	64.57	July 13	64.84
Mar. 2	64.18	Sept 13	63.43

WASHINGTON COUNTY

WELL NUMBER.--303714085422601. Local number 037-542-431A, John Allgood.

LOCATION.--Lat 30°37'14", long 85°42'26", in NW¼ NE¼ SE¼ sec. 35, T.3 N., R.15 W., Hydrologic Unit 03140203, 0.35 mi (0.56 km) east of State Highway 79 and 0.35 mi (0.56 km) south of Holmes Creek in Vernon, Fla.

DESCRIPTION.--Drilled, unused, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 3 in (8 cm), depth 206 ft (63 m), cased to 202 ft (62 m).

PERIOD OF RECORD.--March 1969 to current year (bimonthly).

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 0.6 ft (0.2 m) above lsd. Land surface datum is 46.28 ft (14.106 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 35.61 ft (10.85 m) above msl Nov. 16; lowest, 27.45 ft (8.37 m) above msl Sept. 23.
Period of record: Highest water level, 35.61 ft (10.85 m) above msl Nov. 16, 1975; lowest, 25.00 ft (7.62 m) above msl Sept. 19, 1962.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 16	35.61	May 11	28.63
Jan. 23	29.64	July 13	28.96
Mar. 2	29.29	Sept 23	27.45

WELL NUMBER.--304632085485101. Local number 4, 046-548-1, Town of Caryville.

LOCATION.--Lat 30°46'32", long 85°48'51", in NE¼ NW¼ sec. 11, T.4 N., R.16 W., Hydrologic Unit 03140203, at lumber mill, 0.1 mi (0.2 km) north of U.S. Highway 90 in Caryville, Fla.

DESCRIPTION.--Drilled, public-supply, artesian well in Floridan aquifer (Geologic Unit 120FLRD), diam 4 in (10 cm), depth 185 ft (239 m), length of casing unknown.

PERIOD OF RECORD.--September 1946 to current year (bimonthly). Published since Sept. 26, 1946.

INSTRUMENTATION.--Tape measured. Measuring point; top of casing, 1.00 ft (0.30 m) above lsd. Land surface datum is 62.97 ft (19.19 m) above mean sea level.

EXTREMES.--Current year: Highest water level, 53.06 ft (16.17 m) above msl Jan. 17; lowest, 50.94 ft (15.53 m) above msl Sept. 14.
Period of record: Highest water level, 56.17 ft (17.12 m) above msl Mar. 9, 1966; lowest, 44.99 ft (13.17 m) above msl Nov. 23, 1952.
A water-level of 62.97 ft (19.19 m) above msl Dec. 12, 1935 was reported by driller.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, OCTOBER 1975 TO SEPTEMBER 1976

Nov. 16	52.86	May 11	52.02
Jan. 17	53.06	July 13	52.25
Mar. 6	52.61	Sept 14	50.94

MISCELLANEOUS WATER LEVEL MEASUREMENTS

MISCELLANEOUS WATER LEVEL MEASUREMENTS
WATER YEAR OCT 1975 - SEPT 1976

BAKER COUNTY

STATION NUMBER	STATION NAME		LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF MEAS	ELEVATION ABOVE MEAN SEA LEVEL (FT)	DEPTH BELOW LAND SURFACE (FT)
301106082272301	[illegible]-14		30 11 06	082 27 23	01	76-05-06	--	2.41
300347085345501	LOCAL NO. 003534113	BAY COUNTY	30 03 47	085 34 55	01	76-05-12	5.81	22.04
301006085413501	LOCAL NO.7 PANAMA CITY		30 10 06	085 41 35	01	76-05-13	1.61	24.72
301550085355801	LOCAL NO.015-535-113		30 15 50	085 35 58	01	76-05-13	10.11	-2.33
302351085261101	LOCAL NO.023-526-223A YOUNGSTOWN		30 23 51	085 26 11	01	76-05-11	105.30	-2.67
295055082130801	BRADFORD 950-213-1 GRAHAM	**BRADFORD COUNTY**	29 50 55	082 13 08	01	75-10-23	--	74.93
						76-03-15	--	76.41
						76-05-04	--	77.59
						76-07-13	--	76.92
						76-09-15	--	77.41
295257082045701	BRADFORD 952-204-1 SW OF STARKE		29 52 57	082 04 57	01	75-10-23	--	87.59
						75-12-31	--	88.04
						76-03-11	--	88.97
						76-05-04	--	89.89
						76-07-13	--	89.69
						76-09-15	--	90.02
301437085114901	LOCAL NO.014-511-1	**CALHOUN COUNTY**	30 14 37	085 11 49	01	76-05-13	43.10	-11.40
302636085024701	LOCAL NO.026-502-1		30 26 36	085 02 47	01	76-05-11	54.91	4.03
302649085093901	LOCAL NO.026-509-1		30 26 49	085 09 39	01	76-04-30	51.67	-7.45
294313082024601	CLAY 943-202-3 MELROSE	CLAY COUNTY	29 43 13	082 02 46	01	75-10-28	--	89.60
						76-01-20	--	90.67
						76-03-02	--	91.38
						76-05-17	--	92.21
						76-07-13	--	92.03
						76-09-15	--	92.40
301921082333401	WEST TOWER	**COLUMBIA COUNTY**	30 19 21	082 33 34	01	76-05-04	53.30	81.70
291940083090101	PORTERS TACKLE SHOP SUWANNEE	**DIXIE COUNTY**	29 19 40	083 09 01	01	76-05-10	1.37	4.60
292935083025402	SUNNYVALE TOWER		29 29 35	083 02 54	02	76-05-10	19.35	4.88
293525082585301	OLD TOWN ELEMENTARY		29 35 25	082 58 53	01	76-05-10	12.89	10.81
294004083230801	ELLISONS FISHERY WELL		29 40 04	083 23 08	01	76-05-10	1.02	2.98
294458083142801	LOCAL NO.944-314-1		29 44 58	083 14 28	01	76-05-10	36.52	4.10
302033087202801	USGS TH23 NR W GATE NAS	**ESCAMBIA COUNTY**	30 20 33	087 20 28	01	75-10-13	--	20.14
						75-11-10	--	18.82
						75-12-08	--	19.55
						76-01-13	--	19.53
						76-02-09	--	20.15
						76-03-08	--	18.61
						76-04-12	--	18.62
						76-05-10	--	19.71
						76-07-08	--	19.91
						76-08-09	--	20.82
						76-09-13	--	21.15
302033087202802	USGS TH23A NR W GATE NAS		30 20 33	087 20 28	02	75-10-13	--	5.19
						75-11-10	--	5.83
						75-12-08	--	5.91
						76-01-13	--	6.96
						76-02-02	--	5.79
						76-03-08	--	6.34
						76-04-12	--	6.27
						76-05-10	--	6.60
						76-06-08	--	5.89
						76-07-08	--	6.30
						76-08-09	--	7.28
						76-09-10	--	6.19
302052087234101	USGS TH25 SR292A		30 20 52	087 23 41	01	75-10-13	--	14.69
						75-11-10	--	14.91
						75-12-08	--	15.31
						76-01-13	--	15.11
						76-02-02	--	15.28
						76-03-08	--	15.55
						76-04-12	--	15.45
						76-05-10	--	15.91
						76-06-07	--	15.03
						76-07-08	--	14.37
						76-08-09	--	16.01
						76-09-13	--	15.52
302220087205001	USGS TH11 DOG TRACK RD.		30 22 20	087 20 50	01	75-10-13	--	12.64
						75-11-10	--	12.27
						75-12-08	--	12.00
						76-01-13	--	11.90

MISCELLANEOUS WATER LEVEL MEASUREMENTS
WATER YEAR OCT 1975 TO SEPT 1976
ESCAMBIA COUNTY

STATION NUMBER	STATION NAME	LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF MEAS	ELE-VATION ABOVE MEAN SEA LEVEL (FT)	DEPTH BELOW LAND SURFACE (FT)
302220087205001	USGS TH11 DOG TRACK RD.	30 22 20	087 20 50	01	76-02-02	--	12.00
					76-03-08	--	12.13
					76-04-12	--	12.28
					76-05-10	--	13.19
					76-06-07	--	12.77
					76-07-08	--	13.48
					76-08-09	--	14.20
					76-09-13	--	14.52
302302087252501	USGS TH107.BRONSON FLD.	30 23 02	087 25 25	01	76-05-19	--	5.69
					76-08-06	--	5.68
302302087252502	USGS TH107A.BRONSON FLD.	30 23 02	087 25 25	02	76-05-19	--	6.94
					76-08-06	--	7.44
302354087210501	USGS TH9-FRGSN AIR SERV.	30 23 54	087 21 05	01	75-10-13	--	15.85
					75-11-10	--	14.75
					75-12-08	--	14.74
					76-01-13	--	14.93
					76-02-09	--	15.05
					76-03-08	--	15.05
					76-04-12	--	15.54
					76-05-10	--	16.02
					76-06-07	--	15.19
					76-07-08	--	15.77
					76-08-09	--	16.45
					76-09-13	--	15.69
302354087210502	USGS TH9A-FRGSN AIR.SERV.	30 23 54	087 21 05	02	75-10-13	--	0.98
					75-11-10	--	0.95
					75-12-08	--	1.11
					76-01-13	--	0.32
					76-02-09	--	0.95
					76-03-08	--	1.50
					76-04-12	--	1.43
					76-05-10	--	1.88
					76-06-07	--	0.87
					76-07-08	--	0.90
					76-08-09	--	2.36
					76-09-13	--	1.12
302355087200301	USGS TH31.1 MI.W.FAIRFLD	30 23 55	087 20 03	01	75-10-13	--	14.90
					75-11-10	--	15.03
					75-12-08	--	14.92
					76-01-13	--	15.01
302355087200301	USGS TH31.1 MI.W.FAIRFLD	30 23 55	087 20 03	01	76-02-09	--	15.04
					76-03-08	--	15.31
					76-04-12	--	15.42
					76-05-10	--	15.53
					76-06-07	--	15.20
					76-07-08	--	15.32
					76-08-09	--	18.76
					76-09-13	--	17.05
302432087182601	USGS TH3-72ND AVE.S.JKSN	30 24 32	/087 18 26	01	75-10-13	--	11.14
					75-11-10	--	10.43
					75-12-08	--	10.11
					76-01-13	--	10.03
					76-02-09	--	9.63
					76-03-08	--	10.24
					76-04-12	--	10.00
					76-05-10	--	11.67
					76-06-07	--	10.94
					76-07-08	--	11.85
					76-08-09	--	12.87
					76-09-13	--	10.20
302432087182602	USGS TH3A-72ND AVE.S.JKSN	30 24 32	087 18 26	02	75-10-13	--	5.47
					75-11-10	--	5.98
					75-12-08	--	5.59
					76-01-13	--	5.32
					76-02-09	--	5.0[illegible]
					76-03-08	--	5.70
					76-04-12	--	5.62
					76-05-10	--	6.70
					76-06-07	--	5.12
					76-07-08	--	6.18
					76-08-09	--	7.62
					76-09-13	--	6.30
302435087141601	USGS TH104 ROMANA W.K ST	30 24 35	087 14 16	01	75-10-13	--	16.22
					75-11-10	--	15.88
					75-12-08	--	15.66
					76-01-13	--	18.10
					76-02-09	--	15.77
					76-03-08	--	15.65
					76-04-12	--	16.76
					76-05-10	--	16.89

MISCELLANEOUS WATER LEVEL MEASUREMENTS
WATER YEAR OCT 1975 TO SEPT 1976
ESCAMBIA COUNTY

STATION NUMBER	STATION NAME	LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF MEAS	ELE-VATION ABOVE MEAN SEA LEVEL (FT)	DEPTH BELOW LAND SURFACE (FT)
302435087141601	USGS TH104 ROMANA W.K ST	30 24 35	087 14 16	01	76-06-07	--	15.93
					76-07-08	--	15.74
					76-08-09	--	18.68
					76-09-13	--	15.56
302459087154401	USGS TH103 KEYES COURT	30 24 59	087 15 44	01	75-10-13	--	46.63
					75-11-10	--	45.77
					75-12-08	--	45.43
					76-01-13	--	45.36
					76-02-09	--	44.67
					76-03-08	--	46.04
					76-04-12	--	44.55
					76-05-10	--	44.03
					76-06-07	--	44.40
					76-07-08	--	45.69
					76-08-09	--	47.10
					76-09-13	--	45.60
302541087114501	USGS TH1-17TH&GONZALEZ ST	30 25 41	087 11 45	01	75-10-08	--	57.44
					75-11-03	--	57.24
					75-12-01	--	56.78
					76-01-06	--	56.88
					76-02-02	--	56.78
					76-03-01	--	57.10
					76-04-05	--	57.55
					76-05-03	--	57.53
					76-05-31	--	57.57
					76-06-28	--	57.61
					76-08-02	--	57.95
					76-09-30	--	57.52
302541087114502	USGS TH1A-17TH&GONZALEZ	30 25 41	087 11 45	02	75-10-08	--	56.36
					75-11-03	--	55.32
					75-12-01	--	55.02
					76-01-06	--	55.14
					76-02-02	--	55.40
					76-03-01	--	55.46
					76-04-05	--	55.74
					76-05-03	--	56.03
					76-05-31	--	56.21
					76-06-28	--	55.89
					76-08-02	--	56.20
					76-08-30	--	56.53
302617087152401	USGS TH100-GRNDVIEW&SCOTT	30 26 17	087 15 24	01	75-10-08	--	46.45
					75-11-03	--	46.75
					75-12-01	--	44.74
					76-01-08	--	44.88
					76-02-02	--	44.36
					76-03-01	--	44.25
					76-04-05	--	41.70
					76-05-03	--	42.03
					76-05-31	--	42.65
					76-06-28	--	44.16
					76-08-02	--	44.23
					76-08-30	--	44.44
302643087153601	USGS TH2-HOLLYWOOD AVE.	30 26 43	087 15 36	01	75-10-08	--	23.19
					75-11-03	--	22.34
					75-12-01	--	22.04
					76-01-08	--	22.37
					76-02-02	--	22.20
					76-03-01	--	22.10
					76-04-05	--	21.51
					76-05-03	-	21.02
					76-05-31	--	21.84
					76-06-28	--	22.20
					76-07-02	--	22.21
					76-08-02	--	22.21
					76-08-30	--	22.35
302820087211401	USGS TH22-SAUFLEY PINE RD	30 28 20	087 21 14	01	75-10-13	--	8.76
					75-11-10	--	8.40
					75-12-08	--	8.84
					76-01-13	--	8.92
					76-02-09	--	8.97
					76-03-08	--	9.24
					76-04-12	--	9.27
					76-05-10	--	9.46
					76-06-07	--	8.94
					76-07-08	--	9.52
					76-08-09	--	10.03
					76-09-13	--	8.94
302842087095601	USGS TH106.NE SEWAGE PLT.	30 28 42	087 09 56	01	76-05-19	--	4.04
					76-06-04	--	3.43
					76-08-06	--	5.60

MISCELLANEOUS WATER LEVEL MEASUREMENTS
WATER YEAR OCT 1975 TO SEPT 1976
ESCAMBIA COUNTY

STATION NUMBER	STATION NAME	LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF MEAS	ELE-VATION ABOVE MEAN SEA LEVEL (FT)	DEPTH BELOW LAND SURFACE (FT)
302842087095602	USGS TH106A.NE SEWAGE PLT.	30 28 42	087 09 56	02	76-05-19	--	4.75
					76-06-04	--	4.33
					76-08-06	--	4.80
302958087230001	USGS TH8-HURST HAMMOCK RD	30 29 58	087 23 00	01	75-10-13	--	77.37
					75-11-10	--	78.53
					75-12-08	--	78.74
					76-02-09	--	78.80
					76-03-08	--	78.94
					76-04-12	--	78.98
					76-05-10	--	79.23
					76-06-07	--	78.78
					76-07-08	--	79.44
					76-08-09	--	78.75
					76-09-13	--	77.82
302958087230002	USGS TH8A-HURST HMMCK RD.	30 29 58	087 23 00	02	75-10-13	--	14.78
					75-11-10	--	14.58
					75-12-08	--	14.69
					76-01-13	--	15.43
					76-02-09	--	15.90
					76-03-08	--	16.37
					76-04-12	--	16.26
					76-05-10	--	16.85
					76-06-07	--	16.71
					76-07-08	--	16.99
					76-08-09	--	17.80
					76-09-13	--	16.51
303006087205201	USGS TH7-US 90 S OF JAMES	30 30 06	087 20 52	01	75-10-13	--	58.55
					75-11-10	--	57.93
					75-12-08	--	59.21
					76-01-13	--	58.25
					76-02-09	--	60.26
					76-03-08	--	59.34
					76-04-12	--	58.48
					76-05-10	--	58.46
					76-05-21	--	59.54
					76-06-07	--	57.65
					76-07-08	--	57.45
303018087192201	USGS TH5 8MI CRK&DUNAWAY	30 30 18	087 19 22	01	75-10-13	--	40.08
					75-11-10	--	39.79
					75-12-08	--	39.80
303018087192201	USGS TH5 8MI CRK&DUNAWAY	30 30 18	087 19 22	01	76-01-13	--	39.77
					76-02-09	--	39.43
					76-03-08	--	39.43
					76-04-12	--	40.02
					76-05-10	--	40.10
					76-06-07	--	39.86
					76-07-08	--	39.82
					76-08-09	--	40.45
					76-09-13	--	39.73
303018087192202	USGS TH5A 8MI CRK&DUNAWAY	30 30 18	087 19 22	02	75-10-13	--	36.82
					75-11-10	--	36.38
					75-12-08	--	35.89
					76-01-13	--	36.05
					76-02-09	--	35.95
					76-03-08	--	36.00
					76-04-12	--	36.23
					76-05-10	--	36.45
					76-05-21	--	36.34
					76-06-07	--	35.92
					76-07-08	--	36.17
					76-08-09	--	36.91
					76-09-13	--	36.14
303106087134801	USGS TH32-JOHNSON AVE.	30 31 06	087 13 48	01	75-10-08	--	77.99
					75-11-03	--	77.68
					75-12-01	--	77.31
					76-01-08	--	76.87
					76-02-02	--	76.37
					76-03-01	--	76.39
					76-04-05	--	76.17
					76-05-03	--	76.29
					76-05-31	--	76.08
					76-06-28	--	76.39
					76-08-02	--	76.14
					76-08-30	--	76.07
303208087132701	USGS TH6 DAVID&BARRINGER	30 32 08	087 13 27	01	75-10-08	--	33.37
					75-11-03	--	32.74
					75-12-01	--	32.92
					76-01-08	--	32.99
					76-02-02	--	32.70
					76-03-01	--	32.63

MISCELLANEOUS WATER LEVEL MEASUREMENTS
WATER YEAR OCT 1975 TO SEPT 1976
ESCAMBIA COUNTY

STATION NUMBER	STATION NAME	LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF MEAS	ELE-VATION ABOVE MEAN SEA LEVEL (FT)	DEPTH BELOW LAND SURFACE (FT)
303208087132701	USGS TH6 DAVIDABARRINGER	30 32 08	087 13 27	01	76-04-05	--	32.42
					76-05-03	--	32.76
					76-05-31	--	32.54
					76-06-28	--	32.59
					76-08-02	--	32.59
					76-08-30	--	32.50
303208087132702	USGS TH6A DAVIDABARRINGER	30 32 08	087 13 27	02	75-10-08	--	26.32
					75-11-03	--	25.80
					75-12-01	--	25.79
					76-01-08	--	25.81
					76-02-02	--	25.20
					76-03-01	--	25.22
					76-04-05	--	24.97
					76-05-03	--	25.49
					76-05-31	--	25.28
					76-06-28	--	25.37
					76-08-02	--	25.59
					76-08-30	--	25.98
303216087194101	USGS TH29-CALICO DRIVE	30 32 16	087 19 41	01	75-10-13	--	54.72
					75-11-10	--	54.22
					75-12-08	--	53.84
					76-01-13	--	54.09
					76-03-09	--	54.14
					76-04-12	--	53.20
					76-05-10	--	54.29
					76-05-21	--	54.18
					76-06-07	--	52.68
					76-07-08	--	52.92
					76-08-09	--	54.12
					76-09-13	--	53.66
303249087140801	USGS TH21 GREENBRIAR RD	30 32 49	087 14 08	01	75-10-08	--	18.12
					75-11-03	--	17.55
					75-12-01	--	17.82
					76-01-08	--	18.10
					76-02-02	--	17.46
					76-03-01	--	17.60
					76-04-05	--	17.97
					76-05-03	--	18.31
					76-05-31	--	17.90
					76-06-28	--	18.03
303249087140801	USGS TH21 GREENBRIAR RD	30 32 49	087 14 08	01	76-08-02	--	17.93
					76-08-31	--	18.17
303249087140802	USGS TH21A GREENBRIAR RD	30 32 49	087 14 08	02	75-10-08	--	17.82
					75-11-03	--	17.71
					75-12-01	--	17.94
					76-01-08	--	17.72
					76-02-02	--	17.58
					76-03-01	--	17.49
					76-04-05	--	17.36
					76-05-03	--	17.98
					76-05-31	--	17.32
					76-07-02	--	17.23
					76-07-30	--	17.74
303313087140002	USGS TH98A	30 33 18	087 13 48	02	76-06-02	--	56.15
303327087135401	USGS TH101.S.H.NE GATE	30 33 33	087 13 41	01	76-06-04	--	104.00
					76-08-03	--	103.80
303331087135802	USGS TH102A S.H.N.LAGOON	30 33 37	087 13 45	02	75-12-02	--	105.20
303331087135803	USGS TH102B S.H.N.LAGOON	30 33 37	087 13 45	03	76-03-11	--	20.21
					76-06-02	--	17.88
					76-08-03	--	18.84
303346087185401	USGS TH18-W.ROBERTS ROAD	30 33 46	087 18 54	01	75-10-08	--	76.86
					75-11-03	--	76.75
					75-12-01	--	76.06
					76-01-08	--	74.90
					76-02-02	--	75.01
					76-03-01	--	75.30
					76-04-05	--	75.09
					76-05-03	--	76.31
					76-05-31	--	75.80
					76-06-28	--	75.34
					76-08-02	--	74.55
					76-08-30	--	73.81
303348087141001	PENS.S.H.SEWAGE 99 N.MON	30 34 07	087 14 15	01	76-03-11	--	4.90
					76-06-02	--	4.12
					76-08-04	--	5.25
303355087223201	USGS TH19.KINGFIELD RD.	30 33 55	087 22 32	01	75-11-03	--	22.96
					76-02-02	--	21.55

MISCELLANEOUS WATER LEVEL MEASUREMENTS
WATER YEAR OCT 1975 TO SEPT 1976
ESCAMBIA COUNTY

STATION NUMBER	STATION NAME	LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF MEAS	ELEVATION ABOVE MEAN SEA LEVEL (FT)	DEPTH BELOW LAND SURFACE (FT)
303355087223201	USGS TH19.KINGFIELD RD.	30 33 55	087 22 32	01	76-03-01	--	22.56
					76-04-05	--	22.62
					76-05-03	--	22.94
					76-05-31	--	22.67
					76-06-28	--	21.05
					76-08-02	--	23.11
					76-08-30	--	23.54
303642087232301	USGS TH12-N.OF MUSCOGEE	30 36 42	087 23 23	01	75-10-08	--	81.32
					75-11-03	--	81.42
					75-12-01	--	80.93
					76-02-02	--	80.26
					76-03-01	--	79.85
					76-04-05	--	80.12
					76-05-03	--	80.47
					76-05-31	--	80.12
					76-06-28	--	80.75
					76-08-02	--	80.51
					76-08-30	--	80.93
303659087222001	USGS TH16-FARM HILL S-97	30 36 59	087 22 20	01	75-10-08	--	87.15
					75-11-03	--	87.07
					75-12-01	--	86.69
					76-01-08	--	86.03
					76-02-02	--	87.62
					76-03-01	--	87.74
					76-04-05	--	86.48
					76-05-03	--	87.90
					76-05-31	--	87.70
					76-06-28	--	88.00
					76-08-02	--	87.07
					76-08-30	--	87.53
303723087182601	USGS TH28 EDEN RD	30 37 23	087 18 26	01	75-10-08	--	45.13
					75-11-03	--	47.30
					75-12-01	--	47.86
					76-01-08	--	44.96
					76-02-02	--	46.52
					76-03-01	--	45.67
					76-04-05	--	46.18
					76-05-03	--	46.85
					76-05-31	--	45.80
					76-06-28	--	46.30
303723087182601	USGS TH28 EDEN RD	30 37 23	087 18 26	01	76-08-02	--	46.49
					76-08-30	--	47.69
303853087200501	USGS TH24-QUINTETTE ACRES	30 38 53	087 20 05	01	75-10-08	--	79.99
					75-11-03	--	80.31
					75-12-01	--	78.78
					76-01-08	--	78.64
					76-02-02	--	78.84
					76-03-01	--	78.51
					76-04-05	--	78.35
					76-05-03	--	78.23
					76-05-31	--	78.20
					76-06-28	--	78.51
					76-08-02	--	78.69
					76-08-30	--	78.24
303958087233201	USGS TH13-S.CHRCHSE RD.	30 39 58	087 23 32	01	75-10-08	--	89.62
					75-11-03	--	90.29
					75-12-01	--	89.62
					76-01-08	--	88.78
					76-02-02	--	87.71
					76-03-01	--	89.62
					76-04-05	--	89.59
					76-05-03	--	89.67
					76-05-31	--	89.41
					76-06-28	--	89.66
					76-08-02	--	89.41
					76-08-30	--	90.38
304008087211601	USGS TH27-4.5MI.N.CNTNMNT	30 40 08	087 21 16	01	75-10-08	--	115.70
					75-11-03	--	115.72
					75-12-01	--	115.44
					76-01-08	--	114.29
					76-02-02	--	114.81
					76-03-01	--	114.88
					76-04-05	--	114.86
					76-05-03	--	115.24
					76-05-31	--	115.35
					76-06-28	--	115.27
					76-08-02	--	115.36
					76-08-30	--	115.36
304046087190801	USGS TH14 N.OF S196495A	30 40 46	087 19 08	01	75-10-08	--	77.60
					75-11-03	--	77.12

MISCELLANEOUS WATER LEVEL MEASUREMENTS
WATER YEAR OCT 1975 TO SEPT 1976
ESCAMBIA COUNTY

STATION NUMBER	STATION NAME		LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF MEAS	ELE-VATION ABOVE MEAN SEA LEVEL (FT)	DEPTH BELOW LAND SURFACE (FT)
304046087190801	USGS TH14 N.OF S196695A		30 40 46	087 19 08	01	75-12-01	--	78.06
						76-01-08	--	76.17
						76-02-02	--	78.02
						76-03-01	--	78.84
						76-04-05	--	76.59
						76-05-03	--	76.79
						76-05-31	--	77.04
						76-06-28	--	76.68
						76-08-02	--	75.79
						76-08-30	--	75.52
294708084460701	LOCAL NO.947-446-1	FRANKLIN COUNTY	29 47 08	084 46 07	01	76-05-13	4.25	10.13
295046084394301	FRANKLIN NO 10		29 50 46	084 39 43	01	76-05-03	2.60	2.46
295732084430701	FRANKLIN 41		29 57 32	084 43 07	01	76-05-03	13.70	-3.69
301948082460601	STEPHEN FOSTER MEMORIAL WELL	HAMILTON COUNTY	30 19 48	082 46 06	01	76-05-06	50.58	53.90
302835082545301	FFS WELL S OF JASPER		30 28 35	082 54 53	01	76-05-06	44.92	93.08
305014085483701	LOCAL NO.050-548-1	HOLMES COUNTY	30 50 14	085 48 37	01	76-05-11	75.53	-4.03
305119085561901	LOCAL NO.051-556-1		30 51 19	085 56 19	01	76-05-11	78.48	207.20
304413085064401	LOCAL NO.044-506-1	JACKSON COUNTY	30 44 13	085 06 44	01	76-05-18	94.35	72.40
304747085223401	CITY OF COTTONDALE		30 47 47	085 22 34	01	76-05-24	117.50	15.50
305353085273101	LOCAL NO. 053-527-1		30 53 53	085 27 31	01	76-05-11	119.60	74.99
305702085240601	CITY OF CAMBELLTON		30 57 02	085 24 06	01	76-05-18	125.52	54.48
305713085305301	CITY OF GRACEVILLE		30 57 13	085 30 53	01	76-05-18	145.82	-0.82
305844085035401	LOCAL NO.058-503-1		30 58 44	085 03 54	01	76-05-11	109.11	24.58
302204083561501	LOCAL NO.022-356-1	JEFFERSON COUNTY	30 22 04	083 56 15	01	76-05-10	36.29	142.54
303812083362401	LOCAL NO.038-336-1		30 38 12	083 36 24	01	76-05-04	73.31	25.01
300127083032001	J JACKSON SE OF MAYO	LAFAYETTE COUNTY	30 01 27	083 03 20	01	76-05-06	23.22	30.25
300542083140601	MAYO TOWER WELL		30 05 42	083 14 06	01	76-05-06	24.91	41.76
301133083173101	PRINES GROCERY-DAY-WELL		30 11 33	083 17 31	01	76-05-06	59.36	27.02
303447084072401	LOCAL NO.034-407-1	LEON COUNTY	30 34 47	084 07 24	01	76-05-07	52.03	170.67
290118082364101	901236-- 17S17E05 344 CE-70	LEVY COUNTY	29 01 18	082 36 41	01	76-05-25	20.88	8.38
						76-09-28	20.30	8.96
290202082403901	17S16E03 CF62 21-		29 02 02	082 40 39	01	75-11-26	--	8.57
						76-01-19	--	8.71
						76-03-11	--	9.61
						76-05-04	--	9.97
						76-07-14	--	7.11
						76-09-09	--	7.43
291910082341101	919234-- 13S17E36 111 BULLOCK-HUBER		29 19 10	082 34 11	01	75-11-26	--	44.87
						76-01-19	--	46.13
						76-03-11	--	47.07
						76-05-04	43.79	48.21
						76-07-14	--	47.30
						76-09-09	--	46.40
300152084592701	LOCAL NO.001-459-1	LIBERTY COUNTY	30 01 52	084 59 27	01	76-05-13	22.10	7.40
302124083260501	SINCLAIR TOWER WELL	MADISON COUNTY	30 21 24	083 26 05	01	76-05-04	89.09	15.91
303745086442101	B-6204 EGLIN 31	OKALOOSA COUNTY	30 37 45	086 44 21	01	76-05-25	40.89	94.21
304518086334001	CRESTVIEW NO 3		30 45 18	086 33 40	01	76-05-25	62.30	167.70
304801086403101	BAKER NO 1		30 48 01	086 40 31	01	76-05-25	57.60	163.40
305530086322701	W.D.FLOURNOY JR. WELL		30 55 30	086 32 27	01	76-05-25	160.58	18.42
305615086284801	FLA FOR.SER. LAUREL HILL		30 56 15	086 28 48	01	76-05-25	176.24	113.74
300138082562701	ROBERTS-OBRIEN	SUWANNEE COUNTY	30 01 38	082 56 27	01	76-05-05	21.44	30.36
300824083043101	CURTIS JOHNSON WELL		30 08 24	083 04 31	01	76-05-05	26.51	33.97
302334082560201	SUWANNEE SPGS WELL		30 23 34	082 56 02	01	76-05-06	36.77	28.23
300224083430501	HAMPTON SPRINGS TOWER	TAYLOR COUNTY	30 02 24	083 43 05	01	76-05-10	5.05	17.95
300407083314301	LOCAL NO.36 BUCKEYE CELLULOSE CORP		30 04 07	083 31 43	01	76-05-10	37.86	16.33
300837083340601	LOUIS WEBB WELL		30 08 37	083 34 06	01	76-05-10	43.35	8.65
301145083401202	GIBSON STILL WELL SHALLOW		30 11 45	083 40 12	02	75-10-29	40.08	5.92

MISCELLANEOUS WATER LEVEL MEASUREMENTS
WATER YEAR OCT 1975 TO SEPT 1976
TAYLOR COUNTY

STATION NUMBER	STATION NAME	LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF MEAS	ELE-VATION ABOVE MEAN SEA LEVEL (FT)	DEPTH BELOW LAND SURFACE (FT)
301145083401202	GIBSON STILL WELL SHALLOW	30 11 45	083 40 12	02	75-12-30	40.87	5.13
					76-03-12	41.85	4.15
					76-05-10	39.61	6.39
					76-07-14	41.08	4.92
					76-09-14	41.63	4.37
	WAKULLA COUNTY						
300540084174001	WAKULLA 19	30 05 40	084 17 40	01	76-05-03	6.33	2.66
301156084103501	LOCAL NO.011-410-1	30 11 56	084 10 35	01	76-05-03	5.58	1.38
	WALTON COUNTY						
303053086075301	J M THOMPSON WELL	30 30 53	086 07 53	01	76-05-24	19.01	40.78
303434086130301	B-8631 EGLIN AFB	30 34 34	086 13 03	01	76-05-24	36.94	105.00
303454085560601	FIRE TOWER NR REDBAY	30 34 54	085 56 06	01	76-05-24	30.47	145.53
303954086133801	USAF EGLIN C-62	30 39 54	086 13 38	01	76-05-27	85.53	129.35
304044086211601	B-1204 EGLIN LOCAL NO 19	30 40 44	086 21 16	01	76-05-28	88.85	141.86
304334086032401	ARGYLE TOWER FFS	30 43 34	086 03 24	01	76-05-27	89.75	171.25
304358086120801	BSA CAMP LK EUCHEE WELL	30 43 58	086 12 08	01	76-01-22	127.10	146.90
					76-05-12	127.20	146.80
305043086083301	RAY PETER WELL	30 50 43	086 08 33	01	76-05-24	187.19	91.81
305359086122601	JACKSON STILL TOWER	30 53 59	086 12 26	01	76-05-24	196.93	63.07
305804086180901	FLA WELCOME STA PAXTON	30 58 04	086 18 09	01	76-05-24	218.36	105.64

GROUND WATER QUALITY RECORDS

Major Constituents

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GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
ALACHUA COUNTY

DATE	TIME	ELE- VATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED IRON (FE) (UG/L) (01046)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	BICAR- BONATE (HCO3) (MG/L) (00440)	CAR- BONATE (CO3) (MG/L) (00445)	ALKA- LINITY AS CACO3 (MG/L) (00410)
294209082173101 - 942217 09S20E15 443 NO 7 GAINESVILLE (LAT 29 42 09 LONG 082 17 31.01)												
AUG , 1976												
25...	1105	--	--	27	--	51	18	9.0	1.1	212	0	174
25...	1145	--	--	--	--	--	--	--	--	--	--	--
BAKER COUNTY												
301708082073901 - MCCLENNY OHIO ST LAB WELL (LAT 30 17 08 LONG 082 07 39.01)												
AUG , 1976												
23...	0900	--	--	19	--	37	13	10	1.4	147	0	121
BRADFORD COUNTY												
295633082062701 - STARKE POWER PLANT WELL (LAT 29 56 33 LONG 082 06 27.01)												
DEC , 1975												
16...	1530	--	--	28	100	44	18	16	1.1	234	0	192
CALHOUN COUNTY												
302640085031101 - BLOUNTSTOWN WELL NO.2 (LAT 30 26 40 LONG 085 03 11.01)												
AUG , 1976												
27...	1300	--	--	16	--	30	17	46	6.3	160	0	131
COLUMBIA COUNTY												
301108082372401 - LAKE CITY WELL NO. 2 (LAT 30 11 08 LONG 082 37 24.01)												
FEB , 1976												
18...	1445	--	--	13	0	40	13	8.0	1.0	180	0	148
SEP												
01...	1200	--	--	7.3	--	66	3.6	3.6	.4	208	0	171
302243082360201 - ONF #1 FLORIDAN WELL (LAT 30 22 43 LONG 082 36 02.01)												
JUL , 1976												
30...	1100	--	--	26	280	52	28	13	6.8	328	0	269
DIXIE COUNTY												
293815083073301 - CROSS CITY WATER PLANT (LAT 29 38 15 LONG 083 07 33.01)												
AUG , 1976												
24...	1400	--	--	4.1	--	100	10	8.4	.9	338	0	277
ESCAMBIA COUNTY												
302302087252501 - USGS TH107,BRONSON FLD. (LAT 30 23 02 LONG 087 25 25.01)												
MAY , 1976												
20...	1730	--	--	--	--	--	--	--	--	--	--	--
302302087252502 - USGS TH107A,BRONSON FLD. (LAT 30 23 02 LONG 087 25 25.02)												
MAY , 1976												
20...	1245	--	--	--	--	--	--	--	--	--	--	--
302514087140301 - PENS. WEST PLANT I&CERV. (LAT 30 25 14 LONG 087 14 03.01)												
AUG , 1976												
30...	1300	--	--	8.0	--	2.5	2.0	8.2	.5	2	0	2

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

ALACHUA COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
294209082173101 - 942217 09S20E15 443 NO 7 GAINESVILLE (LAT 29 42 09 LONG 082 17 31.01)												
AUG , 1976												
25...	11	30	.4	285	253	200	28	360	--	23.5	5	620
25...	--	--	.7	153	--	--	--	280	--	28.5	--	--
BAKER COUNTY												
301708082073901 - MCCLENNY OHIO ST LAB WELL (LAT 30 17 08 LONG 082 07 39.01)												
AUG , 1976												
23...	29	14	.6	210	197	150	26	285	7.2	25.0	5	1000
BRADFORD COUNTY												
295633082062701 - STARKE POWER PLANT WELL (LAT 29 56 33 LONG 082 06 27.01)												
DEC , 1975												
16...	3.3	14	.3	236	240	180	0	380	7.4	22.0	5	200
CALHOUN COUNTY												
302640085031101 - BLOUNTSTOWN WELL NO.2 (LAT 30 26 40 LONG 085 03 11.01)												
AUG , 1976												
27...	33	59	.8	293	288	150	15	570	7.6	23.5	5	1100
COLUMBIA COUNTY												
301108082372401 - LAKE CITY WELL NO. 2 (LAT 30 11 08 LONG 082 37 24.01)												
FEB , 1976												
18...	3.1	11	.4	187	178	150	6	325	7.7	21.5	10	100
SEP												
01...	7.2	5.5	.1	206	196	180	9	341	7.3	22.5	5	80
302243082360201 - ONF #1 FLORIDAN WELL (LAT 30 22 43 LONG 082 36 02.01)												
JUL , 1976												
30...	2.0	7.0	.2	301	297	250	0	450	7.5	21.5	20	500
DIXIE COUNTY												
293815083073301 - CROSS CITY WATER PLANT (LAT 29 38 15 LONG 083 07 33.01)												
AUG , 1976												
24...	9.2	11	.1	317	310	290	14	530	7.2	23.0	10	40
ESCAMBIA COUNTY												
302302087252501 - USGS TH107,BRONSON FLD. (LAT 30 23 02 LONG 087 25 25.01)												
MAY , 1976												
20...	1.1	5.5	--	--	--	--	--	30	--	22.5	--	--
302302087252502 - USGS TH107A,BRONSON FLD. (LAT 30 23 02 LONG 087 25 25.02)												
MAY , 1976												
20...	.8	7.2	--	--	--	--	--	35	--	21.0	--	--
302514087140301 - PENS. WEST PLANT I&CERV. (LAT 30 25 14 LONG 087 14 03.01)												
AUG , 1976												
30...	2.0	10	.0	58	34	15	13	71	5.1	23.5	5	100

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
ESCAMBIA COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
302523087125601 - PENS.6-DESOTO AT L&NRR (LAT 30 25 23 LONG 087 12 56.01)												
AUG , 1976												
05...	0930	--	--	8.6	20	2.8	2.5	8.0	1.3	4	0	3
302535087125701 - PENS.8-L&NRR AT LLOYD ST (LAT 30 25 35 LONG 087 12 57.01)												
AUG , 1976												
05...	1030	--	--	7.6	20	2.4	3.1	6.9	1.4	4	0	3
302555087122702 - PENS.EAST PLT-10TH&MLLRY (LAT 30 25 55 LONG 087 12 27.02)												
AUG , 1976												
05...	1430	--	--	9.4	20	2.9	3.0	11	2.2	2	0	2
302602087130701 - PENS.WELL 9-JRDN & L&NRR (LAT 30 26 02 LONG 087 13 07.01)												
AUG , 1976												
05...	1100	--	--	9.1	0	4.0	2.8	11	1.4	2	0	2
302837087105301 - PENS.AIRPORT NORTH (LAT 30 28 37 LONG 087 10 53.01)												
AUG , 1976												
06...	1000	--	--	6.9	50	1.0	.5	3.3	.3	4	0	3
302842087095601 - USGS TH106,NE SEWAGE PLT. (LAT 30 28 42 LONG 087 09 56.01)												
MAY , 1976												
19...	1100	--	--	--	--	--	--	--	--	--	--	--
302842087095602 - USGS.TH106A,NE SEWAGE PLT. (LAT 30 28 42 LONG 087 09 56.02)												
MAY , 1976												
17...	1315	--	--	--	--	--	--	--	--	--	--	--
303015087192001 - PENS.DUNAWAY,8-MI CRK RD. (LAT 30 30 15 LONG 087 19 20.01)												
AUG , 1976												
05...	1330	--	--	8.9	150	.8	.4	3.1	.3	3	0	2
303313087140002 - USGS TH98A (LAT 30 33 18 LONG 087 13 48.02)												
MAR , 1976												
12...	1300	--	--	--	40	--	--	--	--	2	0	2
JUN												
02...	1230	--	--	--	--	--	--	2.6	--	--	--	--
AUG												
04...	1500	--	--	--	--	--	--	2.7	--	4	0	3
303327087135401 - USGS TH101,S.H.NE GATE (LAT 30 33 33 LONG 087 13 41.01)												
MAR , 1976												
10...	1100	--	--	--	20	--	--	--	--	2	0	2
JUN												
03...	1500	--	--	--	--	--	--	2.9	--	--	--	--
AUG												
03...	1600	--	--	--	--	--	--	3.0	--	4	0	3

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
ESCAMBIA COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
302523087125601 - PENS.6-DESOTO AT L&NRR (LAT 30 25 23 LONG 087 12 56.01)												
AUG , 1976 05...	8.0	9.7	.2	59	50	17	14	83	4.9	23.0	5	110
302535087125701 - PENS.8-L&NRR AT LLOYD ST (LAT 30 25 35 LONG 087 12 57.01)												
AUG , 1976 05...	7.0	8.7	.1	56	39	19	16	82	5.0	23.0	5	100
302555087122702 - PENS.EAST PLT-10TH&MLLRY (LAT 30 25 55 LONG 087 12 27.02)												
AUG , 1976 05...	9.0	14	.4	75	53	20	18	114	4.8	22.5	5	110
302602087130701 - PENS.WELL 9-JRON & L&NRR (LAT 30 26 02 LONG 087 13 07.01)												
AUG , 1976 05...	7.4	13	.1	76	50	22	20	115	5.1	23.0	5	100
302837087105301 - PENS.AIRPORT NORTH (LAT 30 28 37 LONG 087 10 53.01)												
AUG , 1976 06...	.0	4.6	.0	17	19	5	1	27	5.5	22.5	5	100
302842087095601 - USGS TH106,NE SEWAGE PLT. (LAT 30 28 42 LONG 087 09 56.01)												
MAY , 1976 19...	1.6	5.1	--	--	--	--	--	31	--	21.5	--	--
302842087095602 - USGS TH106A,NE SEWAGE PLT. (LAT 30 28 42 LONG 087 09 56.02)												
MAY , 1976 17...	12	9.1	--	--	--	--	--	91	--	21.5	--	--
303015087192001 - PENS.DUNAWAY,8-MI CRK RD. (LAT 30 30 15 LONG 087 19 20.01)												
AUG , 1976 05...	.0	4.0	.0	18	19	4	1	20	5.2	22.0	5	80
303313087140002 - USGS TH98A (LAT 30 33 18 LONG 087 13 48.02)												
MAR , 1976 12...	1.2	4.9	.3	11	--	--	--	55	4.9	23.0	--	--
JUN 02...	.8	3.9	--	--	--	--	--	18	--	22.0	--	--
AUG 04...	.0	3.8	--	--	--	--	--	20	5.3	23.5	--	--
303327087135401 - USGS TH101,S.H.NE GATE (LAT 30 33 33 LONG 087 13 41.01)												
MAR , 1976 10...	.2	4.3	.0	16	--	--	--	22	4.9	21.5	--	--
JUN 03...	.5	4.1	--	--	--	--	--	20	--	21.0	--	--
AUG 03...	.8	3.9	--	--	--	--	--	21	4.9	21.5	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
ESCAMBIA COUNTY

DATE	TIME	ELE- VATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED IRON (FE) (UG/L) (01046)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	BICAR- BONATE (HCO3) (MG/L) (00440)	CAR- BONATE (CO3) (MG/L) (00445)	ALKA- LINITY AS CACO3 (MG/L) (00410)
303327087135402 - USGS TH101A.S.H. NE GATE (LAT 30 33 33 LONG 087 13 41.02)												
DEC . 1975 22...	1230	--	--	--	--	--	--	--	--	12	0	10
MAR . 1976 10...	1500	--	--	--	130	--	--	--	--	10	0	8
JUN 03...	1100	--	--	--	--	--	--	14	--	--	--	--
AUG 03...	1700	--	--	--	--	--	--	12	--	16	0	13
303331087135803 - USGS TH102B S.H.N.LAGOON (LAT 30 33 37 LONG 087 13 45.03)												
MAR . 1976 11...	1100	--	--	--	80	--	--	--	--	10	0	8
JUN 02...	0930	--	--	--	--	--	--	32	--	--	--	--
AUG 03...	1200	--	--	--	--	--	--	33	--	12	0	10
303348087141001 - PENS.S.H.SEWAGE 99 N.MON (LAT 30 34 07 LONG 087 14 15.01)												
MAR . 1976 11...	1330	--	--	--	0	--	--	--	--	0	0	0
JUN 02...	1030	--	--	--	--	--	--	3.5	--	--	--	--
AUG 04...	1000	--	--	--	--	--	--	3.6	--	2	0	2
303417087141701 - SOUTH MONITOR (LAT 30 34 17 LONG 087 14 17.01)												
OCT . 1975 15...	1000	--	--	--	--	140	140	--	--	524	0	430
NOV 18...	0855	--	--	--	--	140	130	--	--	529	0	434
DEC 16...	1515	--	--	--	--	150	130	--	--	542	0	445
JAN . 1976 22...	1520	--	--	--	--	150	130	--	--	559	0	458
FEB 25...	1640	--	--	--	--	150	140	--	--	574	0	471
MAR 20...	0840	--	--	20	1500	160	140	4800	78	584	0	479
APR 27...	0905	--	--	--	--	150	140	--	--	594	0	487
MAY 14...	0955	--	--	--	--	150	140	--	--	599	0	491
JUN 22...	1325	--	--	--	--	140	130	--	--	605	0	496
JUL 20...	0925	--	--	--	--	150	140	--	--	614	0	504
AUG 18...	0945	--	--	--	--	130	130	--	--	622	0	510
SEP 14...	1630	--	--	14	1100	160	140	4800	120	630	0	517

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
ESCAMBIA COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
303327087135402 - USGS TH101A,S.H. NE GATE (LAT 30 33 33 LONG 087 13 41.02)												
DEC , 1975												
22...	1.2	13	--	--	--	--	--	--	5.4	27.0	--	--
MAR , 1976												
10...	4.5	14	.1	52	--	--	--	100	5.7	29.5	--	--
JUN												
03...	.8	16	--	--	--	--	--	96	--	27.5	--	--
AUG												
03...	1.4	14	--	--	--	--	--	95	5.8	31.5	--	--
303331087135803 - USGS TH102B S.H.N.LAGOON (LAT 30 33 37 LONG 087 13 45.03)												
MAR , 1976												
11...	30	27	.1	116	--	--	--	200	5.4	27.5	--	--
JUN												
02...	26	26	--	--	--	--	--	207	--	23.0	--	--
AUG												
03...	33	26	--	--	--	--	--	205	5.4	23.5	--	--
303348087141001 - PENS.S.H.SEWAGE 99 N.MON (LAT 30 34 07 LONG 087 14 15.01)												
MAR , 1976												
11...	.2	5.8	.0	9	--	--	--	24	4.2	20.5	--	--
JUN												
02...	.8	5.4	--	--	--	--	--	21	--	20.0	--	--
AUG												
04...	.8	5.1	--	--	--	--	--	24	4.9	20.5	--	--
303417087141701 - SOUTH MONITOR (LAT 30 34 17 LONG 087 14 17.01)												
OCT , 1975												
15...	--	7600	--	--	--	930	500	21000	7.3	35.0	--	--
NOV												
18...	--	7700	--	--	--	890	450	21900	7.2	35.0	--	--
DEC												
16...	--	7500	--	--	--	910	470	20800	7.3	35.0	--	--
JAN , 1976												
22...	--	7600	--	--	--	910	450	24500	7.3	35.0	--	--
FEB												
25...	--	7600	--	--	--	950	480	24000	7.3	35.0	--	--
MAR												
20...	--	7600	3.0	13200	--	1000	520	24500	7.2	35.0	70	19000
APR												
27...	--	8200	--	--	--	950	460	22500	7.2	35.0	--	--
MAY												
14...	--	7800	--	--	--	950	460	21200	7.3	35.0	--	--
JUN												
22...	--	7700	--	--	--	890	390	26000	7.3	35.0	--	--
JUL												
20...	--	7600	--	--	--	950	450	25700	7.2	35.0	--	--
AUG												
18...	--	7700	--	--	--	860	350	24500	7.2	35.0	--	--
SEP												
14...	--	7900	3.3	13500	--	990	480	25000	7.2	35.0	5	16000

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
ESCAMBIA COUNTY

DATE	TIME	ELE-VATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)
303538087145501 - SHALLOW MONITOR (LAT 30 35 38 LONG 087 14 55.01)												
OCT , 1975 14...	1555	--	--	--	--	1.9	1.0	--	--	502	18	442
NOV 17...	1600	--	--	--	--	2.1	1.0	--	--	502	18	442
DEC 16...	1240	--	--	--	--	2.3	1.1	--	--	508	15	442
JAN , 1976 22...	1245	--	--	--	--	2.0	1.0	--	--	510	16	445
FEB 25...	1450	--	--	--	--	2.1	1.0	--	--	511	18	449
MAR 19...	1640	--	--	14	0	2.2	.9	442	5.7	513	17	449
APR 26...	1600	--	--	--	--	2.0	1.0	--	--	495	19	438
MAY 20...	1100	--	--	--	--	2.3	1.0	--	--	514	20	455
JUN 23...	1250	--	--	--	--	2.3	1.0	--	--	516	19	455
JUL 19...	1650	--	--	--	--	2.0	1.1	--	--	517	17	452
AUG 17...	1440	--	--	--	--	2.2	1.0	--	--	514	19	453
SEP 14...	1320	--	--	17	40	2.1	1.2	440	6.5	514	19	453
303657087154301 - NORTH MONITOR (LAT 30 36 57 LONG 087 15 43.01)												
OCT , 1975 14...	1355	--	--	--	--	190	180	--	--	264	0	217
NOV 17...	1410	--	--	--	590	210	170	--	--	265	0	217
DEC 16...	1000	--	--	--	--	200	180	--	--	264	0	217
JAN , 1976 22...	1030	--	--	--	--	210	180	--	--	263	0	216
FEB 25...	1335	--	--	--	--	190	190	--	--	264	0	217
MAR 19...	1455	--	--	17	590	220	170	5300	88	263	0	216
APR 26...	1415	--	--	--	--	220	180	--	--	266	0	218
MAY 20...	0910	--	--	--	--	230	180	--	--	264	0	217
JUN 23...	1005	--	--	--	--	220	170	--	--	266	0	218
JUL 19...	1505	--	--	--	--	220	180	--	--	266	0	218
AUG 17...	1200	--	--	--	--	240	170	--	--	264	0	217
SEP 14...	1045	--	--	--	370	210	180	5200	96	266	0	218
FRANKLIN COUNTY												
294339084591901 - APALACHICOLA WELL NO 1 (LAT 29 43 39 LONG 084 59 19.01)												
AUG , 1976 19...	1500	--	--	23	--	80	68	68	8.4	346	0	284
302901084372801 - CHASEN WELL (LAT 30 29 01 LONG 084 37 28.01)												
JUN , 1976 03...	1045	--	--	22	0	29	9.4	9.9	2.4	150	0	123

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
ESCAMBIA COUNTY

DATE	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)	DIS- SOLVED CHLO- RIDE (CL) (MG/L) (00940)	DIS- SOLVED FLUO- RIDE (F) (MG/L) (00950)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	HARD- NESS (CA,MG) (MG/L) (00900)	NON- CAR- BONATE HARD- NESS (MG/L) (00902)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	DIS- SOLVED STRON- TIUM (SR) (UG/L) (01080)
303538087145501 - SHALLOW MONITOR (LAT 30 35 38 LONG 087 14 55.01)												
OCT , 1975 14...	--	360	--	--	--	9	0	2150	8.7	30.0	--	--
NOV 17...	--	370	--	--	--	9	0	1900	8.6	30.0	--	--
DEC 16...	--	380	--	--	--	10	0	1920	8.6	30.0	--	--
JAN , 1976 22...	--	370	--	--	--	9	0	2050	8.6	30.0	--	--
FEB 25...	--	370	--	--	--	9	0	2100	8.6	30.0	--	--
MAR 19...	--	340	3.6	1120	--	9	0	2050	8.6	30.0	60	200
APR 26...	--	400	--	--	--	9	0	2050	8.7	30.0	--	--
MAY 20...	--	370	--	--	--	10	0	2050	8.6	30.0	--	--
JUN 23...	--	380	--	--	--	10	0	2030	8.7	30.0	--	--
JUL 19...	--	370	--	--	--	10	0	2100	8.6	30.0	--	--
AUG 17...	--	370	--	--	--	10	0	2010	8.7	30.0	--	--
SEP 14...	--	380	3.5	1130	--	10	0	2050	8.6	30.0	40	220
303657087154301 - NORTH MONITOR (LAT 30 36 57 LONG 087 15 43.01)												
OCT , 1975 14...	--	8700	--	--	--	1200	1000	25000	7.6	35.0	--	--
NOV 17...	--	8800	--	--	--	1200	1000	25900	7.5	35.0	--	--
DEC 16...	--	8700	--	--	--	1200	1000	25600	7.5	35.0	--	--
JAN , 1976 22...	--	8800	--	--	--	1300	1100	25000	7.4	35.0	--	--
FEB 25...	--	8600	--	--	--	1300	1000	28000	7.6	35.0	--	--
MAR 19...	--	8700	3.2	15000	--	1300	1100	26000	7.5	35.0	70	24000
APR 26...	--	8800	--	--	--	1300	1100	24800	7.6	35.0	--	--
MAY 20...	--	8800	--	--	--	1300	1100	24500	7.4	34.5	--	--
JUN 23...	--	8800	--	--	--	1200	1000	27500	7.5	34.5	--	--
JUL 19...	--	8900	--	--	--	1300	1100	29000	7.5	34.5	--	--
AUG 17...	--	8900	--	--	--	1300	1100	28000	7.4	35.0	--	--
SEP 14...	--	8600	3.4	18400	--	1300	1100	26300	7.4	35.0	10	24000
FRANKLIN COUNTY												
294339084591901 - APALACHICOLA WELL NO 1 (LAT 29 43 39 LONG 084 59 19.01)												
AUG , 1976 19...	180	120	1.1	745	731	490	210	1130	7.1	24.5	5	12000
302901084372801 - CHASEN WELL (LAT 30 29 01 LONG 084 37 28.01)												
JUN , 1976 03...	5.9	3.6	.5	159	157	110	0	240	7.8	24.0	5	330

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
GADSDEN COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
302938084255801 - FLETCHER TRACTOR CO (LAT 30 29 38 LONG 084 25 58.01)												
APR , 1976 12...	1100	--	--	8.4	100	32	9.7	1.4	.4	142	0	116
JUN 02...	1330	--	--	--	0	--	--	--	--	--	--	--
303145084383701 - HUBBERT FARM AST (LAT 30 31 45 LONG 084 38 37.01)												
APR , 1976 29...	1000	--	--	--	--	19	10	17	--	--	--	--
303239084355301 - UNIV OF FLA EXPER STA (LAT 30 32 39 LONG 084 35 53.01)												
JUN , 1976 01...	1200	--	--	11	0	17	7.8	25	3.9	146	0	120
303246084421701 - PINECREST S/D (LAT 30 32 46 LONG 084 42 17.01)												
APR , 1976 23...	1200	--	--	--	--	33	14	2.1	--	185	0	152
303254084381801 - R D MCBRIDE (LAT 30 32 54 LONG 084 38 18.01)												
AUG , 1976 18...	1230	--	--	--	30	--	--	--	--	--	--	--
303321084285001 - GODWIN NO 2 (LAT 30 33 21 LONG 084 28 50.01)												
JUN , 1976 02...	1400	--	--	15	20	34	18	12	3.1	220	0	180
303407084443401 - GREENSBORO NO 2 (LAT 30 34 07 LONG 084 44 34.01)												
JUN , 1976 15...	1050	--	--	17	30	32	16	35	3.9	178	0	146
303418084444701 - GREENSBORO WELL NO 3 (LAT 30 34 18 LONG 084 44 47.01)												
AUG , 1976 19...	1005	--	--	--	100	--	--	--	--	--	--	--
303433084234001 - OCHLOCKONEE R.EST.NO.2 (LAT 30 34 33 LONG 084 23 40.01)												
JUN , 1976 03...	1200	--	--	--	--	39	7.3	1.6	--	166	0	136
303434084233701 - OCHLOCKONEE R. EST.NO.1 (LAT 30 34 34 LONG 084 23 37.01)												
JUN , 1976 03...	1200	--	--	--	--	40	8.8	2.3	--	176	0	144

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
GADSDEN COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
302938084255801 - FLETCHER TRACTOR CO (LAT 30 29 38 LONG 084 25 58.01)												
APR , 1976 12...	4.0	1.8	.2	128	128	120	4	200	7.8	22.0	0	180
JUN 02...	--	--	--	--	--	--	--	--	--	--	--	--
303145084383701 - HUBBERT FARM AST (LAT 30 31 45 LONG 084 38 37.01)												
APR , 1976 29...	2.0	2.8	--	--	--	89	--	250	8.4	22.5	--	--
303239084355301 - UNIV OF FLA EXPER STA (LAT 30 32 39 LONG 084 35 53.01)												
JUN , 1976 01...	11	2.0	.7	154	151	76	0	250	--	--	5	880
303246084421701 - PINECREST S/D (LAT 30 32 46 LONG 084 42 17.01)												
APR , 1976 23...	15	6.0	.5	--	194	144	0	--	--	--	0	--
303254084381801 - R D MCBRIDE (LAT 30 32 54 LONG 084 38 18.01)												
AUG , 1976 18...	--	--	--	--	--	--	--	2400	--	26.0	--	--
303321084285001 - GODWIN NO 2 (LAT 30 33 21 LONG 084 28 50.01)												
JUN , 1976 02...	8.4	5.0	.5	203	205	160	0	340	7.5	22.5	5	520
303407084443401 - GREENSBORO NO 2 (LAT 30 34 07 LONG 084 44 34.01)												
JUN , 1976 15...	19	43	.5	249	255	150	1	430	7.7	23.5	0	800
303418084444701 - GREENSBORO WELL NO 3 (LAT 30 34 18 LONG 084 44 47.01)												
AUG , 1976 19...	--	--	--	--	--	--	--	240	--	23.0	--	--
303433084234001 - OCHLOCKONEE R.EST.NO.2 (LAT 30 34 33 LONG 084 23 40.01)												
JUN , 1976 03...	3.0	7.0	.0	--	156	128	0	--	--	--	0	--
303434084233701 - OCHLOCKONEE R. EST.NO.1 (LAT 30 34 34 LONG 084 23 37.01)												
JUN , 1976 03...	3.0	7.0	.0	--	170	136	0	--	--	--	0	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
GADSDEN COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
303500084363801 - AST CATTLE FARM WELL (LAT 30 35 00 LONG 084 36 38.01)												
APR , 1976												
05...	1130	--	--	--	--	20	9.6	180	--	--	--	--
303522084455101 - HERSHAL CLARK WELL (LAT 30 35 22 LONG 084 45 51.01)												
APR , 1976												
28...	1410	--	--	--	--	30	15	60	--	--	--	--
28...	1415	--	--	--	--	50	40	570	--	--	--	--
28...	1425	--	--	--	--	60	48	720	--	--	--	--
28...	1445	--	--	--	--	36	24	220	--	--	--	--
303539084275601 - LAKE TALLAVANA NO.1 (LAT 30 35 39 LONG 084 27 56.01)												
JUL , 1976												
09...	1200	--	--	--	--	103	29	34	--	123	16	128
303550084345001 - CITY OF QUINCY NO.3 (LAT 30 35 50 LONG 084 34 50.01)												
APR , 1976												
27...	0850	--	--	--	--	25	21	130	--	--	--	--
27...	0855	--	--	--	--	30	23	140	--	--	--	--
27...	0900	--	--	--	--	10	14	110	--	--	--	--
27...	0910	--	--	--	--	45	30	200	--	--	--	--
27...	0920	--	--	--	--	98	62	500	--	--	--	--
27...	0930	--	--	--	--	200	120	970	--	--	--	--
27...	0940	--	--	--	--	280	170	1300	--	--	--	--
303554084344801 - CITY OF QUINCY NO. 2 (LAT 30 35 54 LONG 084 34 48.01)												
APR , 1976												
09...	1530	--	--	13	20	19	10	36	3.6	150	0	123
10...	0200	--	--	15	0	27	15	73	4.5	154	0	126
AUG												
11...	1305	--	--	15	--	28	16	78	5.0	152	0	125
303621084392201 - SPRINGFIELD ELEM SCHOOL (LAT 30 36 21 LONG 084 39 22.01)												
JUN , 1976												
01...	1000	--	--	19	0	26	13	3.9	1.7	142	0	116
303659084392901 - GRETNA NO 1 (LAT 30 36 59 LONG 084 39 29.01)												
JUN , 1976												
14...	0950	--	--	17	20	33	21	110	4.8	164	0	135
303721084354101 - ELCONSVELO FARM NO.1 (LAT 30 37 21 LONG 084 35 41.01)												
APR , 1976												
26...	1135	--	--	--	--	25	12	11	--	--	--	--
303728084245003 - CITY OF HAVANA NO A (LAT 30 37 28 LONG 084 24 50.03)												
APR , 1976												
29...	1430	--	--	--	--	29	9.8	2.7	--	--	--	--
29...	1440	--	--	--	--	37	9.6	3.0	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
GADSDEN COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
303500084363801 - AST CATTLE FARM WELL (LAT 30 35 00 LONG 084 36 38.01)												
APR , 1976												
05...	6.3	320	--	--	--	89	--	1100	8.8	22.5	--	--
303522084455101 - HERSHAL CLARK WELL (LAT 30 35 22 LONG 084 45 51.01)												
APR , 1976												
28...	20	85	--	--	--	140	--	550	7.9	22.5	--	--
28...	240	1000	--	--	--	290	--	3300	7.8	23.0	--	--
28...	230	1000	--	--	--	350	--	4000	7.7	24.0	--	--
28...	75	360	--	--	--	190	--	1500	7.8	23.0	--	--
303539084275601 - LAKE TALLAVANA NO.1 (LAT 30 35 39 LONG 084 27 56.01)												
JUL , 1976												
09...	80	78	.1	--	800	378	250	--	--	--	10	--
303550084345001 - CITY OF QUINCY NO.3 (LAT 30 35 50 LONG 084 34 50.01)												
APR , 1976												
27...	43	190	--	--	--	150	--	800	8.4	21.0	--	--
27...	58	200	--	--	--	170	--	900	8.0	21.5	--	--
27...	10	150	--	--	--	83	--	625	9.2	21.0	--	--
27...	130	320	--	--	--	240	--	1380	7.9	21.0	--	--
27...	380	750	--	--	--	500	--	2900	7.6	21.5	--	--
27...	860	1500	--	--	--	990	--	5400	7.4	21.5	--	--
27...	1200	2100	--	--	--	1400	--	7500	7.4	21.5	--	--
303554084344801 - CITY OF QUINCY NO. 2 (LAT 30 35 54 LONG 084 34 48.01)												
APR , 1976												
09...	18	25	.7	191	200	90	0	310	8.0	21.5	0	1100
10...	35	91	.8	339	339	130	5	610	--	--	0	1800
AUG												
11...	38	110	.7	346	367	140	13	640	7.8	22.5	5	1700
303621084392201 - SPRINGFIELD ELEM SCHOOL (LAT 30 36 21 LONG 084 39 22.01)												
JUN , 1976												
01...	8.4	2.7	.3	140	145	120	2	250	--	24.5	5	200
303659084392901 - GRETNA NO 1 (LAT 30 36 59 LONG 084 39 29.01)												
JUN , 1976												
14...	21	180	.5	502	471	170	37	840	7.7	25.5	0	2600
303721084354101 - ELCONSVELO FARM NO.1 (LAT 30 37 21 LONG 084 35 41.01)												
APR , 1976												
26...	7.5	3.5	--	--	--	110	--	230	7.9	21.5	--	--
303728084245003 - CITY OF HAVANA NO A (LAT 30 37 28 LONG 084 24 50.03)												
APR , 1976												
29...	4.2	3.0	--	--	--	110	--	200	7.7	22.0	--	--
29...	6.0	2.8	--	--	--	130	--	240	7.8	22.0	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
GADSDEN COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
303739084245101 - HAVANA NO 1 (LAT 30 37 39 LONG 084 24 51.01)												
JUN • 1976												
02...	1115	--	--	19	0	33	8.6	3.1	1.2	146	0	120
303739084245102 - HAVANA NO 2 (LAT 30 37 39 LONG 084 24 51.02)												
JUN • 1976												
02...	1100	--	--	--	--	96	30	25	--	--	--	--
02...	1230	--	--	16	0	90	30	25	2.0	152	0	125
02...	1330	--	--	--	--	96	30	25	--	--	--	--
02...	1430	--	--	--	--	92	30	25	--	--	--	--
02...	1530	--	--	--	--	90	30	25	--	--	--	--
303805084313501 - FANTANA FARM AST (LAT 30 38 05 LONG 084 31 35.01)												
APR • 1976												
29...	1120	--	--	--	--	26	13	12	--	--	--	--
303821084400201 - SUBER CATTLE FARM (LAT 30 38 21 LONG 084 40 02.01)												
JUN • 1976												
14...	1045	--	--	25	0	25	12	4.7	1.7	135	0	111
303840084263001 - TURNER HIERS (LAT 30 38 40 LONG 084 26 30.01)												
MAR • 1976												
26...	1305	--	--	15	20	36	20	7.3	3.2	205	0	168
26...	1350	--	--	--	--	34	--	--	--	--	--	--
303919084491101 - ROSEDALE TOWER (LAT 30 39 19 LONG 084 49 11.01)												
JUN • 1976												
15...	1155	--	--	25	0	27	12	5.3	2.1	148	0	121
303927084244001 - HINSON HEIGHTS (LAT 30 39 27 LONG 084 24 40.01)												
JUN • 1976												
03...	1200	--	--	--	--	52	15	15	--	161	16	159
303931084362401 - ST JOHN ELEM SCHOOL (LAT 30 39 31 LONG 084 36 24.01)												
JUN • 1976												
01...	1100	--	--	18	0	30	16	8.2	2.5	183	0	150
304050084354901 - SAN JULIAN FARM AST (LAT 30 40 50 LONG 084 35 49.01)												
APR • 1976												
27...	1545	--	--	--	--	27	13	12	--	--	--	--
27...	1600	--	--	--	--	26	13	11	--	--	--	--
GILCHRIST COUNTY												
293653082493202 - 936249220A 10515E16 14- CITY OF TRENTON E. WELL (LAT 29 36 53 LONG 082 49 32.02)												
FEB • 1976												
19...	1345	--	--	4.7	20	78	4.4	5.5	.8	231	0	189
AUG												
23...	1600	--	--	7.0	--	82	4.2	5.7	1.0	244	0	200

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
GADSDEN COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
303739084245101 - HAVANA NO 1 (LAT 30 37 39 LONG 084 24 51.01)												
JUN , 1976												
02...	6.2	3.7	.3	147	147	120	0	210	7.5	22.0	5	170
303739084245102 - HAVANA NO 2 (LAT 30 37 39 LONG 084 24 51.02)												
JUN , 1976												
02...	210	36	--	--	--	360	--	660	7.4	22.0	--	--
02...	210	36	.5	548	486	350	230	710	7.4	22.5	5	1200
02...	200	35	--	--	--	360	--	760	--	--	--	--
02...	210	36	--	--	--	350	--	760	--	--	--	--
02...	210	35	--	--	--	350	--	750	--	--	--	--
303805084313501 - FANTANA FARM AST (LAT 30 38 05 LONG 084 31 35.01)												
APR , 1976												
29...	12	2.0	--	--	--	120	--	250	8.0	21.5	--	--
303821084400201 - SUBER CATTLE FARM (LAT 30 38 21 LONG 084 40 02.01)												
JUN , 1976												
14...	8.8	3.0	.4	143	147	110	1	220	7.8	23.5	5	150
303840084263001 - TURNER HIERS (LAT 30 38 40 LONG 084 26 30.01)												
MAR , 1976												
26...	8.4	4.2	.4	186	196	170	4	310	7.6	22.0	20	320
26...	--	--	--	--	--	--	--	--	--	--	--	--
303919084491101 - ROSEDALE TOWER (LAT 30 39 19 LONG 084 49 11.01)												
JUN , 1976												
15...	7.8	3.0	.4	154	156	120	0	230	7.7	22.0	0	270
303927084244001 - HINSON HEIGHTS (LAT 30 39 27 LONG 084 24 40.01)												
JUN , 1976												
03...	46	32	.1	--	374	194	35	--	--	--	0	--
303931084362401 - ST JOHN ELEM SCHOOL (LAT 30 39 31 LONG 084 36 24.01)												
JUN , 1976												
01...	8.7	3.0	.5	173	177	140	0	290	--	--	5	330
304050084354901 - SAN JULIAN FARM AST (LAT 30 40 50 LONG 084 35 49.01)												
APR , 1976												
27...	10	7.7	--	--	--	120	--	325	7.8	24.0	--	--
27...	8.5	3.3	--	--	--	120	--	250	7.6	23.0	--	--
GILCHRIST COUNTY												
293653082493202 - 936249220A 10S15E16 14- CITY OF TRENTON E. WELL (LAT 29 36 53 LONG 082 49 32.02)												
FEB , 1976												
19...	16	10	.1	242	233	210	24	350	7.1	19.5	0	110
AUG												
23...	18	11	.1	258	249	220	22	445	7.0	23.5	0	40

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
GULF COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
300642085115001 - WEWAHITCHKA LK G RD WELL (LAT 30 06 42 LONG 085 11 50.01)												
AUG , 1976 27...	1600	--	--	12	--	42	38	53	4.3	164	0	135
HAMILTON COUNTY												
303123082564201 - JASPER WELL NO.3 (LAT 30 31 23 LONG 082 56 42.01)												
FEB , 1976 18...	1100	--	--	16	140	92	45	5.7	1.2	240	0	197
SEP 01...	0900	--	--	24	--	89	44	5.7	1.4	256	0	210
HOLMES COUNTY												
304710085410801 - BONIFAY MCGEE RD WELL (LAT 30 47 10 LONG 085 41 08.01)												
AUG , 1976 17...	1100	--	--	8.8	--	45	1.5	2.7	.5	133	0	109
JACKSON COUNTY												
304633085131601 - MARIANNA WELL NO. 5 (LAT 30 46 33 LONG 085 13 16.01)												
AUG , 1976 27...	1000	--	--	9.5	--	51	10	14	.9	220	0	180
JEFFERSON COUNTY												
303254083520901 - MONTICELLO CITY WELL (LAT 30 32 54 LONG 083 52 09.01)												
JAN , 1976 08...	1045	--	--	12	10	47	6.2	2.9	.4	172	0	141
AUG 12...	1515	--	--	11	--	45	5.9	3.5	.7	--	--	--
LAFAYETTE COUNTY												
300334083101801 - MAYO WELL SR 51 + PASCO (LAT 30 03 34 LONG 083 10 18.01)												
AUG , 1976 26...	1300	--	--	5.9	--	27	8.9	4.0	.4	106	0	87
LEON COUNTY												
301808084303001 - BROWNHOUSE HUNT CAMP (LAT 30 18 08 LONG 084 30 30.01)												
DEC , 1975 10...	1515	--	--	11	540	47	1.7	3.7	.8	159	0	130
301829084365901 - OTTER CAMP CENTER (LAT 30 18 29 LONG 084 36 59.01)												
DEC , 1975 10...	1550	--	--	6.1	910	49	1.9	3.6	.3	159	0	130
301930084184201 - ST PETERS CHURCH (LAT 30 19 30 LONG 084 18 42.01)												
JAN , 1976 08...	[illegible]	--	--	--	--	--	--	4.6	--	370	0	303
SEP 15...	1100	--	--	--	--	--	--	3.9	--	--	--	--
301935084194701 - MESSER (LAT 30 19 35 LONG 084 19 47.01)												
JAN , 1976 08...	1600	--	--	--	--	--	--	5.1	--	150	0	123
SEP 16...	1100	--	--	--	--	--	--	3.8	--	--	--	--

GULF COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
300642085115001 - WEWAHITCHKA LK G RD WELL (LAT 30 06 42 LONG 085 11 50.01)												
AUG , 1976												
27...	120	85	1.2	483	441	270	130	790	7.5	24.0	5	5200
HAMILTON COUNTY												
303123082564201 - JASPER WELL NO.3 (LAT 30 31 23 LONG 082 56 42.01)												
FEB , 1976												
18...	210	8.4	.3	541	497	420	220	755	7.3	22.0	5	520
SEP												
01...	190	8.6	.3	540	490	400	190	740	7.0	22.0	5	500
HOLMES COUNTY												
304710085410801 - BONIFAY MCGEE RD WELL (LAT 30 47 10 LONG 085 41 08.01)												
AUG , 1976												
17...	.0	7.3	.1	122	131	120	10	240	7.2	22.0	0	70
JACKSON COUNTY												
304633085131601 - MARIANNA WELL NO. 5 (LAT 30 46 33 LONG 085 13 16.01)												
AUG , 1976												
27...	7.2	12	.2	226	213	170	0	395	7.2	21.5	5	200
JEFFERSON COUNTY												
303254083520901 - MONTICELLO CITY WELL (LAT 30 32 54 LONG 083 52 09.01)												
JAN , 1976												
08...	3.0	4.0	.1	166	160	140	2	250	7.4	21.0	0	80
AUG												
12...	2.0	4.8	.2	144	--	140	--	300	7.2	22.0	0	13
LAFAYETTE COUNTY												
300334083101801 - MAYO WELL SR 51 + PASCO (LAT 30 03 34 LONG 083 10 18.01)												
AUG , 1976												
26...	12	6.1	.1	132	117	100	17	213	7.3	23.5	5	0
LEON COUNTY												
301808084303001 - BROWNHOUSE HUNT CAMP (LAT 30 18 08 LONG 084 30 30.01)												
DEC , 1975												
10...	.0	2.6	.2	146	146	130	0	240	7.7	21.0	20	190
301829084365901 - OTTER CAMP CENTER (LAT 30 18 29 LONG 084 36 59.01)												
DEC , 1975												
10...	.0	2.0	.0	142	142	130	0	240	7.7	20.5	5	260
301930084184201 - ST PETERS CHURCH (LAT 30 19 30 LONG 084 18 42.01)												
JAN , 1976												
08...	--	14	--	--	--	--	--	585	7.0	21.5	--	--
SEP												
15...	--	12	--	--	--	--	--	497	--	22.0	--	--
301935084194701 - MESSER (LAT 30 19 35 LONG 084 19 47.01)												
JAN , 1976												
08...	--	5.5	--	--	--	--	--	243	7.3	22.5	--	--
SEP												
16...	--	5.0	--	--	--	--	--	250	--	21.5	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	TIME	ELE-VATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)
301935084203501 - WALLACE (LAT 30 19 35 LONG 084 20 35.01)												
OCT , 1975												
15...	1500	--	--	--	--	--	--	5.8	--	--	--	--
JAN , 1976												
07...	1100	--	--	--	--	--	--	6.0	--	62	0	51
SEP												
15...	1425	--	--	--	--	--	--	5.7	--	--	--	--
301953084184301 - GLOVER (LAT 30 19 53 LONG 084 18 43.01)												
SEP , 1976												
16...	1000	--	--	--	--	--	--	4.7	--	--	--	--
302056084214901 - HENRY BRATCHER (LAT 30 20 56 LONG 084 21 49.01)												
OCT , 1975												
15...	1430	--	--	--	--	--	--	4.4	--	--	--	--
JAN , 1976												
07...	1000	--	--	--	--	--	--	4.1	--	96	0	79
JUN												
17...	1300	--	--	--	--	--	--	3.8	--	--	--	--
SEP												
16...	1200	--	--	--	--	--	--	3.8	--	--	--	--
302122084194001 - USGS LS 19 (LAT 30 21 22 LONG 084 19 40.01)												
OCT , 1975												
08...	1300	--	--	--	--	--	--	1.7	--	75	0	62
JAN , 1976												
29...	1515	--	--	--	--	--	--	2.0	--	100	0	82
MAY												
12...	1200	--	--	--	--	--	--	1.9	--	--	--	--
AUG												
26...	1100	--	--	--	--	--	--	1.7	--	--	--	--
302125084182301 - CARMEN HIERS (LAT 30 21 25 LONG 084 18 23.01)												
SEP , 1976												
13...	1530	--	--	--	--	--	--	3.3	--	--	--	--
302135084202001 - USGS LS 20 (LAT 30 21 35 LONG 084 20 20.01)												
OCT , 1975												
08...	1200	--	--	--	--	--	--	2.8	--	140	0	115
JAN , 1976												
29...	1600	--	--	--	--	--	--	--	--	140	0	115
MAY												
12...	1100	--	--	--	--	--	--	2.8	--	--	--	--
AUG												
26...	1200	--	--	--	--	--	--	2.6	--	--	--	--
302206084194001 - USGS LS 13 (LAT 30 22 06 LONG 084 19 40.01)												
OCT , 1975												
15...	1030	--	--	--	--	--	--	1.1	--	48	0	39
FEB , 1976												
12...	1030	--	--	--	--	--	--	2.9	--	--	--	--
JUN												
07...	1400	--	--	--	--	--	--	1.3	--	--	--	--
AUG												
25...	1100	--	--	--	--	--	--	1.3	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)	DIS- SOLVED CHLO- RIDE (CL) (MG/L) (00940)	DIS- SOLVED FLUO- RIDE (F) (MG/L) (00950)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	HARD- NESS (CA,MG) (MG/L) (00900)	NON- CAR- BONATE HARD- NESS (MG/L) (00902)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	DIS- SOLVED STRON- TIUM (SR) (UG/L) (01080)
301935084203501 - WALLACE (LAT 30 19 35 LONG 084 20 35.01)												
OCT , 1975 15...	--	9.8	--	--	--	--	--	196	--	22.0	--	--
JAN , 1976 07...	--	8.2	--	--	--	--	--	202	7.8	21.0	--	--
SEP 15...	--	7.9	--	--	--	--	--	194	--	22.0	--	--
301953084184301 - GLOVER (LAT 30 19 53 LONG 084 18 43.01)												
SEP , 1976 16...	--	5.4	--	--	--	--	--	169	--	21.5	--	--
302056084214901 - HENRY BRATCHER (LAT 30 20 56 LONG 084 21 49.01)												
OCT , 1975 15...	--	7.1	--	--	--	--	--	212	--	22.0	--	--
JAN , 1976 07...	--	6.8	--	--	--	--	--	190	7.6	22.0	--	--
JUN 17...	--	7.1	--	--	--	--	--	190	--	22.0	--	--
SEP 16...	--	6.4	--	--	--	--	--	189	--	22.5	--	--
302122084194001 - USGS LS 19 (LAT 30 21 22 LONG 084 19 40.01)												
OCT , 1975 08...	--	2.8	--	--	--	--	--	126	7.7	21.0	--	--
JAN , 1976 29...	--	3.0	--	--	--	--	--	152	8.2	21.5	--	--
MAY 12...	--	2.1	--	--	--	--	--	156	--	21.5	--	--
AUG 26...	--	2.3	--	--	--	--	--	150	--	21.5	--	--
302125084182301 - CARMEN HIERS (LAT 30 21 25 LONG 084 18 23.01)												
SEP , 1976 13...	--	5.6	--	--	--	--	--	184	--	22.5	--	--
302135084202001 - USGS LS 20 (LAT 30 21 35 LONG 084 20 20.01)												
OCT , 1975 08...	--	3.8	--	--	--	--	--	235	7.7	21.5	--	--
JAN , 1976 29...	--	5.0	--	--	--	--	--	220	8.2	21.5	--	--
MAY 12...	--	4.8	--	--	--	--	--	223	--	21.5	--	--
AUG 26...	--	4.8	--	--	--	--	--	227	--	21.5	--	--
302206084194001 - USGS LS 13 (LAT 30 22 06 LONG 084 19 40.01)												
OCT , 1975 15...	--	2.2	--	--	--	--	--	80	7.4	22.0	--	--
FEB , 1976 12...	--	3.6	--	--	--	--	--	--	--	21.5	--	--
JUN 07...	--	2.7	--	--	--	--	--	--	--	22.0	--	--
AUG 25...	--	2.1	--	--	--	--	--	76	--	22.0	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
302212084214901 - MINNICK (LAT 30 22 12 LONG 084 21 49.01)												
SEP . 1976 16...	1300	--	--	--	--	--	--	3.0	--	--	--	--
302219084180101 - MORRIS SINGLETARY (LAT 30 22 19 LONG 084 18 01.01)												
MAY . 1976 13...	1630	--	--	--	--	--	--	12	--	--	--	--
SEP 13...	1500	--	--	--	--	--	--	12	--	--	--	--
302228084213401 - JAMES R MIMS (LAT 30 22 28 LONG 084 21 34.01)												
OCT . 1975 15...	1400	--	--	--	--	--	--	1.9	--	66	0	54
JAN . 1976 22...	1000	--	--	--	--	--	--	2.5	--	72	0	59
JUN 18...	1000	--	--	--	--	--	--	2.1	--	--	--	--
SEP 16...	1430	--	--	--	--	--	--	2.2	--	--	--	--
302233084194101 - USGS LS 5 (LAT 30 22 56 LONG 084 19 35.01)												
OCT . 1975 07...	1200	--	--	--	--	--	--	8.2	--	100	0	82
JAN . 1976 28...	1330	--	--	6.4	--	29	5.0	8.9	.5	100	0	82
MAY 12...	1410	--	--	--	--	--	--	8.1	--	--	--	--
AUG 25...	1530	--	--	--	--	--	--	8.5	--	--	--	--
302233084212501 - TOM GREENE (LAT 30 22 33 LONG 084 21 25.01)												
APR . 1976 13...	1400	--	--	--	--	--	--	1.7	--	--	--	--
302234084180301 - MIKE GILL (LAT 30 22 34 LONG 084 18 03.01)												
MAY . 1976 13...	1500	--	--	--	--	--	--	8.7	--	--	--	--
302234084193901 - USGS LS 14 (LAT 30 22 34 LONG 084 19 39.01)												
OCT . 1975 14...	1410	--	--	--	--	--	--	1.8	--	--	--	--
14...	1430	--	--	--	--	--	--	1.5	--	--	--	--
14...	1600	--	--	--	--	--	--	1.7	--	--	--	--
JAN . 1976 23...	1500	--	--	--	--	--	--	2.2	--	--	--	--
JUN 07...	1500	--	--	--	--	--	--	1.5	--	--	--	--
AUG 26...	1300	--	--	--	--	--	--	1.4	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
302212084214901 - MINNICK (LAT 30 22 12 LONG 084 21 49.01)												
SEP , 1976 16...	8.8	4.5	--	--	--	--	--	201	--	22.0	--	--
302219084180101 - MORRIS SINGLETARY (LAT 30 22 19 LONG 084 18 01.01)												
MAY , 1976 13...	--	23	--	--	--	--	--	525	--	21.5	--	--
SEP 13...	--	21	--	--	--	--	--	520	--	22.5	--	--
302228084213401 - JAMES R MIMS (LAT 30 22 28 LONG 084 21 34.01)												
OCT , 1975 15...	--	3.1	--	--	--	--	--	124	--	22.0	--	--
JAN , 1976 22...	--	3.6	--	--	--	--	--	130	8.2	21.0	--	--
JUN 18...	--	3.1	--	--	--	--	--	133	--	22.0	--	--
SEP 16...	--	2.	--	--	--	--	--	134	--	21.5	--	--
302233084194101 - USGS LS 5 (LAT 30 22 56 LONG 084 19 35.01)												
OCT , 1975 07...	--	14	--	--	--	--	--	240	7.8	21.0	--	--
JAN , 1976 28...	4.7	13	.0	129	117	93	11	236	8.2	21.5	0	110
MAY 12...	--	13	--	--	--	--	--	240	--	21.0	--	--
AUG 25...	--	14	--	--	--	--	--	245	--	21.0	--	--
302233084212501 - TOM GREENE (LAT 30 22 33 LONG 084 21 25.01)												
APR , 1976 13...	--	2.1	--	--	--	--	--	--	--	21.5	--	--
302234084180301 - MIKE GILL (LAT 30 22 34 LONG 084 18 03.01)												
MAY , 1976 13...	--	8.4	--	--	--	--	--	168	--	--	--	--
302234084193901 - USGS LS 14 (LAT 30 22 34 LONG 084 19 39.01)												
OCT , 1975 14...	--	3.2	--	--	--	--	--	87	--	--	--	--
14...	--	1.8	--	--	--	--	--	83	--	--	--	--
14...	--	2.2	--	--	--	--	--	83	--	--	--	--
JAN , 1976 23...	--	2.1	--	--	--	--	--	--	--	20.0	--	--
JUN 07...	--	1.9	--	--	--	--	--	--	--	21.5	--	--
AUG 26...	--	1.7	--	--	--	--	--	85	--	21.0	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
302235084181601 - BAXLEY (LAT 30 22 35 LONG 084 18 16.01)												
MAY , 1976 13...	1540	--	--	--	--	--	--	2.2	--	--	--	--
SEP 13...	1430	--	--	--	--	--	--	2.4	--	--	--	--
302235084190301 - USGS LS 4 (LAT 30 22 35 LONG 084 19 03.01)												
OCT , 1975 07...	1400	--	--	--	--	--	--	1.1	--	37	0	30
MAY , 1976 12...	1230	--	--	--	--	--	--	1.3	--	--	--	--
AUG 25...	0930	--	--	--	--	--	--	1.1	--	--	--	--
302241084172801 - COX GAS STATION (LAT 30 22 41 LONG 084 17 28.01)												
JAN , 1976 08...	1400	--	--	--	--	--	--	3.0	--	140	0	115
MAY 13...	1400	--	--	--	--	--	--	3.1	--	--	--	--
SEP 13...	1400	--	--	--	--	--	--	2.8	--	--	--	--
302250084210501 - JOHN D. GRAY (LAT 30 22 50 LONG 084 21 05.01)												
APR , 1976 19...	1300	--	--	--	--	--	--	2.1	--	--	--	--
302252084192901 - USGS LS 22 (LAT 30 22 52 LONG 084 19 29.01)												
OCT , 1975 07...	1315	--	--	--	--	--	--	9.1	--	130	0	107
JAN , 1976 29...	1410	--	--	6.7	--	32	6.7	7.9	.6	120	0	98
MAY 12...	1330	--	--	--	--	--	--	7.6	--	--	--	--
AUG 25...	1430	--	--	--	--	--	--	8.7	--	--	--	--
302252084204901 - JOE MESSENGER (LAT 30 22 52 LONG 084 20 49.01)												
APR , 1976 13...	1300	--	--	--	--	--	--	1.5	--	--	--	--
302257084191101 - USGS LS26 (LAT 30 22 57 LONG 084 19 11.01)												
OCT , 1975 08...	1415	--	--	--	--	--	--	4.8	--	130	0	107
FEB , 1976 04...	1400	--	--	7.4	--	30	7.7	4.9	.5	130	0	107
MAY 13...	1000	--	--	--	--	--	--	4.8	--	--	--	--
AUG 26...	1400	--	--	--	--	--	--	4.7	--	--	--	--
302257084210901 - MARVIN C. GRAY (LAT 30 22 57 LONG 084 21 09.01)												
APR , 1976 19...	1200	--	--	--	--	--	--	2.1	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
302235084181601 - BAXLEY (LAT 30 22 35 LONG 084 18 16.01)												
MAY , 1976 13...	--	4.0	--	--	--	--	--	141	--	25.5	--	--
SEP 13...	--	3.9	--	--	--	--	--	142	--	23.0	--	--
302235084190301 - USGS LS 4 (LAT 30 22 35 LONG 084 19 03.01)												
OCT , 1975 07...	--	1.8	--	--	--	--	--	62	8.0	21.0	--	--
MAY , 1976 12...	--	1.5	--	--	--	--	--	68	--	21.5	--	--
AUG 25...	--	1.5	--	--	--	--	--	64	--	21.5	--	--
302241084172801 - COX GAS STATION (LAT 30 22 41 LONG 084 17 28.01)												
JAN , 1976 08...	--	4.4	--	--	--	--	--	244	7.6	22.0	--	--
MAY 13...	--	7.6	--	--	--	--	--	242	--	--	--	--
SEP 13...	--	4.7	--	--	--	--	--	243	--	22.0	--	--
302250084210501 - JOHN D. GRAY (LAT 30 22 50 LONG 084 21 05.01)												
APR , 1976 19...	--	2.4	--	--	--	--	--	--	--	22.0	--	--
302252084192901 - USGS LS 22 (LAT 30 22 52 LONG 084 19 29.01)												
OCT , 1975 07...	--	15	--	--	--	--	--	270	7.9	21.5	--	--
JAN , 1976 29...	5.0	11	.1	133	129	110	9	250	8.1	22.	0	120
MAY 12...	--	11	--	--	--	--	--	253	--	22.	--	--
AUG 25...	--	12	--	--	--	--	--	266	--	21.	--	--
302252084204901 - JOE MESSENGER (LAT 30 22 52 LONG 084 20 49.01)												
APR , 1976 13...	--	1.9	--	--	--	--	--	--	--	21.0	--	--
302257084191101 - USGS LS26 (LAT 30 22 57 LONG 084 19 11.01)												
OCT , 1975 08...	--	7.3	--	--	--	--	--	230	8.0	22.0	--	--
FEB , 1976 04...	3.8	7.8	.1	124	126	110	3	226	8.1	22.0	0	120
MAY 13...	--	7.3	--	--	--	--	--	225	--	21.5	--	--
AUG 26...	--	7.8	--	--	--	--	--	225	--	21.5	--	--
302257084210901 - MARVIN C. GRAY (LAT 30 22 57 LONG 084 21 09.01)												
APR , 1976 19...	--	2.1	--	--	--	--	--	--	--	22.0	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	TIME	ELE- VATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED IRON (FE) (UG/L) (01046)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	BICAR- BONATE (HCO3) (MG/L) (00440)	CAR- BONATE (CO3) (MG/L) (00445)	ALKA- LINITY AS CACO3 (MG/L) (00410)
302258084193001 - USGS LS17 (LAT 30 22 58 LONG 084 19 30.01)												
OCT • 1975												
07...	1130	--	--	--	--	--	--	11	--	11	0	9
JAN • 1976												
28...	1500	--	--	6.7	--	34	5.8	11	.6	120	0	98
MAY												
13...	0900	--	--	--	--	--	--	11	--	--	--	--
AUG												
31...	1100	--	--	--	--	--	--	12	--	--	--	--
302301084192902 - USGS LS 18 (LAT 30 23 01 LONG 084 19 29.02)												
OCT • 1975												
07...	1030	--	--	--	--	--	--	11	--	110	0	90
JAN • 1976												
29...	1300	--	--	6.8	--	37	6.0	11	.8	120	0	98
MAY												
12...	1545	--	--	--	--	--	--	12	--	--	--	--
AUG												
31...	1130	--	--	--	--	--	--	12	--	--	--	--
302303084190901 - USGS LS25 (LAT 30 23 03 LONG 084 19 09.01)												
OCT • 1975												
08...	1515	--	--	--	--	--	--	1.1	--	35	0	29
FEB • 1976												
04...	1500	--	--	--	--	--	--	.8	--	28	0	23
AUG												
26...	1445	--	--	--	--	--	--	1.5	--	--	--	--
302306084184901 - ANIMAL SHELTER (LAT 30 23 06 LONG 084 18 49.01)												
JAN • 1976												
08...	1445	--	--	--	--	--	--	8.0	--	200	0	164
MAY												
13...	1440	--	--	--	--	--	--	3.0	--	--	--	--
302308084195301 - USGS LS 6 (LAT 30 23 08 LONG 084 19 53.01)												
OCT • 1975												
07...	1500	--	--	--	--	--	--	3.2	--	110	0	90
JAN • 1976												
28...	1000	--	--	--	--	--	--	3.2	--	110	0	90
MAY												
12...	1000	--	--	--	--	--	--	3.0	--	--	--	--
AUG												
31...	1000	--	--	--	--	--	--	3.8	--	--	--	--
302309084191101 - USGS LS 12 (LAT 30 23 09 LONG 084 19 11.01)												
FEB • 1976												
11...	1400	--	--	--	--	--	--	21	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
302258084193001 - USGS LS17 (LAT 30 22 58 LONG 084 19 30.01)												
OCT , 1975 07...	--	17	--	--	--	--	--	326	7.8	21.0	--	--
JAN , 1976 28...	5.4	15	.1	144	138	110	10	265	8.1	21.5	5	120
MAY 13...	--	15	--	--	--	--	--	283	--	21.0	--	--
AUG 31...	--	17	--	--	--	--	--	296	--	21.0	--	--
302301084192902 - USGS LS 18 (LAT 30 23 01 LONG 084 19 29.02)												
OCT , 1975 07...	--	20	--	--	--	--	--	285	7.7	21.0	--	--
JAN , 1976 29...	5.8	17	.0	153	144	120	19	278	8.2	21.5	0	140
MAY 12...	--	17	--	--	--	--	--	290	--	21.5	--	--
AUG 31...	--	19	--	--	--	--	--	297	--	21.0	--	--
302303084190901 - USGS LS25 (LAT 30 23 03 LONG 084 19 09.01)												
OCT , 1975 08...	--	1.4	--	--	--	--	--	54	8.3	21.0	--	--
FEB , 1976 04...	--	2.0	--	--	--	--	--	48	8.2	21.5	--	--
AUG 26...	--	1.4	--	--	--	--	--	51	--	21.0	--	--
302306084184901 - ANIMAL SHELTER (LAT 30 23 06 LONG 084 18 49.01)												
JAN , 1976 08...	--	18	--	--	--	--	--	361	6.9	21.0	--	--
MAY 13...	--	5.5	--	--	--	--	--	256	--	24.0	--	--
302308084195301 - USGS LS 6 (LAT 30 23 08 LONG 084 19 53.01)												
OCT , 1975 07...	--	5.6	--	--	--	--	--	190	7.8	21.5	--	--
JAN , 1976 28...	--	5.8	--	--	--	--	--	184	7.9	21.5	--	--
MAY 12...	--	4.8	--	--	--	--	--	187	--	21.0	--	--
AUG 31...	--	6.0	--	--	--	--	--	202	--	21.0	--	--
302309084191101 - USGS LS 12 (LAT 30 23 09 LONG 084 19 11.01)												
FEB , 1976 11...	--	52	--	--	--	--	--	--	--	21.5	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CALCIUM (CA) (MG/L) (00915)	DIS-SOLVED MAGNESIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED POTASSIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)
302312084191301 - USGS LS29 (LAT 30 23 12 LONG 084 19 13.01)												
MAR , 1976												
23...	0930	--	45.00	--	--	--	--	22	--	--	--	--
23...	0950	--	50.00	--	--	--	--	27	--	--	--	--
23...	1100	--	60.00	--	--	--	--	20	--	--	--	--
23...	1430	--	70.00	--	--	--	--	20	--	--	--	--
23...	1600	--	80.00	--	--	--	--	19	--	--	--	--
24...	0900	--	90.00	--	--	--	--	18	--	--	--	--
24...	1100	--	100.00	--	--	--	--	21	--	--	--	--
24...	1300	--	110.00	--	--	--	--	14	--	--	--	--
24...	1500	--	130.00	--	--	--	--	18	--	--	--	--
24...	1530	--	140.00	--	--	--	--	19	--	--	--	--
25...	1000	--	150.00	--	--	--	--	16	--	--	--	--
26...	0800	--	160.00	--	--	--	--	17	--	--	--	--
26...	0900	--	170.00	--	--	--	--	17	--	--	--	--
26...	1000	--	180.00	--	--	--	--	18	--	--	--	--
26...	1100	--	190.00	--	--	--	--	23	--	--	--	--
26...	1200	--	200.00	--	--	--	--	10	--	--	--	--
MAY												
01...	0800	--	210.00	--	--	--	--	9.0	--	--	--	--
01...	0900	--	220.00	--	--	--	--	9.1	--	--	--	--
01...	1000	--	230.00	--	--	--	--	14	--	--	--	--
01...	1100	--	240.00	--	--	--	--	11	--	--	--	--
01...	1200	--	250.00	--	--	--	--	14	--	--	--	--
13...	1130	--	--	--	--	--	--	8.7	--	--	--	--
302313084191301 - USGS LS 1 (LAT 30 23 13 LONG 084 19 13.01)												
OCT , 1975												
09...	1015	--	--	7.1	--	48	6.3	18	1.8	160	0	131
JAN , 1976												
28...	1100	--	--	6.9	--	46	6.1	15	1.5	160	0	131
JUN												
08...	1300	--	--	7.4	0	48	6.2	21	2.3	150	0	123
AUG												
31...	1200	--	--	--	--	--	--	30	--	--	--	--
302313084192201 - USGS LS 9 (LAT 30 23 13 LONG 084 19 22.01)												
FEB , 1976												
11...	1000	--	--	--	--	--	--	27	--	--	--	--
302314084191501 - USGS LS27 (LAT 30 23 14 LONG 084 19 15.01)												
NOV , 1975												
03...	1200	--	--	--	--	--	--	39	--	--	--	--
04...	0800	--	--	--	--	--	--	16	--	--	--	--
04...	0900	--	--	--	--	--	--	6.1	--	--	--	--
04...	1200	--	--	--	--	--	--	5.8	--	--	--	--
04...	1400	--	--	--	--	--	--	4.4	--	--	--	--
05...	0800	--	--	--	--	--	--	6.3	--	--	--	--
05...	1000	--	--	--	--	--	--	20	--	--	--	--
05...	1200	--	--	--	--	--	--	17	--	--	--	--
05...	1230	--	--	--	--	--	--	17	--	--	--	--
05...	1300	--	--	--	--	--	--	17	--	--	--	--
05...	1400	--	--	--	--	--	--	20	--	--	--	--
05...	1500	--	--	--	--	--	--	17	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
302312084191301 - USGS LS29 (LAT 30 23 12 LONG 084 19 13.01)												
MAR , 1976												
23...	--	23	--	--	--	--	--	434	--	--	--	--
23...	--	30	--	--	--	--	--	510	--	--	--	--
23...	--	25	--	--	--	--	--	417	--	--	--	--
23...	--	24	--	--	--	--	--	410	--	--	--	--
23...	--	24	--	--	--	--	--	400	--	--	--	--
24...	--	23	--	--	--	--	--	385	--	--	--	--
24...	--	25	--	--	--	--	--	422	--	--	--	--
24...	--	18	--	--	--	--	--	355	--	--	--	--
24...	--	21	--	--	--	--	--	400	--	--	--	--
24...	--	26	--	--	--	--	--	402	--	--	--	--
25...	--	21	--	--	--	--	--	374	--	--	--	--
26...	--	24	--	--	--	--	--	354	--	--	--	--
26...	--	23	--	--	--	--	--	377	--	--	--	--
26...	--	23	--	--	--	--	--	380	--	--	--	--
26...	--	25	--	--	--	--	--	405	--	--	--	--
26...	--	11	--	--	--	--	--	625	--	--	--	--
MAY												
01...	--	11	--	--	--	--	--	251	--	--	--	--
01...	--	12	--	--	--	--	--	240	--	--	--	--
01...	--	15	--	--	--	--	--	299	--	--	--	--
01...	--	16	--	--	--	--	--	310	--	--	--	--
01...	--	20	--	--	--	--	--	331	--	--	--	--
13...	--	11	--	--	--	--	--	269	--	21.5	--	--
302313084191301 - USGS LS 1 (LAT 30 23 13 LONG 084 19 13.01)												
OCT , 1975												
09...	11	20	.1	212	191	150	15	360	7.3	21.0	0	100
JAN , 1976												
28...	10	19	.0	199	183	140	9	346	7.8	21.5	0	110
JUN												
08...	18	24	.1	230	201	150	27	393	7.5	21.5	5	160
AUG												
31...	--	33	--	--	--	--	--	457	--	21.0	--	--
302313084192201 - USGS LS 9 (LAT 30 23 13 LONG 084 19 22.01)												
FEB , 1976												
11...	--	47	--	--	--	--	--	--	--	21.5	--	--
302314084191501 - USGS LS27 (LAT 30 23 14 LONG 084 19 15.01)												
NOV , 1975												
03...	--	34	--	--	--	--	--	735	--	--	--	--
04...	--	20	--	--	--	--	--	328	--	--	--	--
04...	--	24	--	--	--	--	--	290	--	--	--	--
04...	--	24	--	--	--	--	--	298	--	--	--	--
04...	--	21	--	--	--	--	--	282	--	--	--	--
05...	--	26	--	--	--	--	--	328	--	--	--	--
05...	--	33	--	--	--	--	--	436	--	--	--	--
05...	--	32	--	--	--	--	--	425	--	--	--	--
05...	--	31	--	--	--	--	--	422	--	22.0	--	--
05...	--	32	--	--	--	--	--	425	--	21.5	--	--
05...	--	33	--	--	--	--	--	450	--	21.5	--	--
05...	--	32	--	--	--	--	--	412	--	21.5	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	TIME	ELE-VATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)
302314084191502 - USGS LS28 (LAT 30 23 14 LONG 084 19 15.02)												
JUN , 1976 08...	1420	--	--	7.9	0	51	7.5	27	1.8	160	0	131
302315084192801 - USGS LS 21 (LAT 30 23 15 LONG 084 19 28.01)												
OCT , 1975 07...	0930	--	--	--	--	--	--	13	--	180	0	148
JAN , 1976 29...	1130	--	--	7.9	--	44	7.8	11	1.0	170	0	139
MAY 12...	1530	--	--	--	--	--	--	16	--	--	--	--
AUG 31...	1330	--	--	--	--	--	--	17	--	--	--	--
302319084220601 - USGS LS24 (LAT 30 23 19 LONG 084 22 06.01)												
OCT , 1975 10...	1045	--	--	8.3	--	32	10	4.6	.5	130	0	107
JAN , 1976 29...	1000	--	--	8.2	--	32	10	4.5	.7	130	0	107
MAY 27...	1145	--	--	--	--	--	--	4.6	--	--	--	--
302321084171601 - JOHNSON (LAT 30 23 21 LONG 084 17 16.01)												
OCT , 1975 15...	1300	--	--	--	--	--	--	3.1	--	--	--	--
JAN , 1976 07...	1400	--	--	--	--	--	--	3.3	--	160	0	131
MAY 13...	1350	--	--	--	--	--	--	3.5	--	--	--	--
SEP 13...	1330	--	--	--	--	--	--	3.0	--	--	--	--
302322084193601 - USGS LS 7 (LAT 30 23 22 LONG 084 19 36.01)												
OCT , 1975 10...	1600	--	--	--	--	--	--	1.7	--	26	0	21
302324084175701 - JONES (LAT 30 23 24 LONG 084 17 57.01)												
JAN , 1976 07...	1300	--	--	--	--	--	--	2.3	--	93	0	76
302337084211301 - BETTY KELLY (LAT 30 23 37 LONG 084 21 13.01)												
JAN , 1976 22...	1200	--	--	6.1	--	22	6.0	2.8	1.9	88	0	72
JUN 18...	0900	--	--	--	--	--	--	2.6	--	--	--	--
SEP 16...	1530	--	--	--	--	--	--	2.4	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
302314084191502 - USGS LS2H (LAT 30 23 14 LONG 084 19 15.02)												
JUN , 1976												
08...	16	33	.1	301	223	160	29	--	7.8	21.5	5	200
302315084192801 - USGS LS 21 (LAT 30 23 15 LONG 084 19 28.01)												
OCT , 1975												
07...	--	19	--	--	--	--	--	375	7.5	21.5	--	--
JAN , 1976												
29...	8.4	14	.1	189	178	140	3	322	7.9	22.0	0	140
MAY												
12...	--	18	--	--	--	--	--	380	--	22.0	--	--
AUG												
31...	--	20	--	--	--	--	--	391	--	21.0	--	--
302319084220601 - USGS LS24 (LAT 30 23 19 LONG 084 22 06.01)												
OCT , 1975												
10...	17	9.0	.2	150	143	120	16	265	7.9	22.0	0	210
JAN , 1976												
29...	18	6.6	.2	144	144	120	15	255	8.1	22.0	0	250
MAY												
27...	--	8.4	--	--	--	--	--	275	--	21.5	--	--
302321084171601 - JOHNSON (LAT 30 23 21 LONG 084 17 16.01)												
OCT , 1975												
15...	--	6.2	--	--	--	--	--	262	--	22.5	--	--
JAN , 1976												
07...	--	5.4	--	--	--	--	--	274	7.6	22.0	--	--
MAY												
13...	--	5.5	--	--	--	--	--	277	--	22.5	--	--
SEP												
13...	--	5.0	--	--	--	--	--	266	--	22.5	--	--
302322084193601 - USGS LS 7 (LAT 30 23 22 LONG 084 19 36.01)												
OCT , 1975												
10...	--	1.2	--	--	--	--	--	66	--	26.5	--	--
302324084175701 - JONES (LAT 30 23 24 LONG 084 17 57.01)												
JAN , 1976												
07...	--	3.5	--	--	--	--	--	166	7.9	21.0	--	--
302337084211301 - BETTY KELLY (LAT 30 23 37 LONG 084 21 13.01)												
JAN , 1976												
22...	.6	3.6	.1	92	87	80	8	162	8.1	18.5	0	130
JUN												
18...	--	3.5	--	--	--	--	--	158	--	22.0	--	--
SEP												
16...	--	3.5	--	--	--	--	--	162	--	22.5	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)
302341084165701 - FOURSQUARE CHURCH (LAT 30 23 41 LONG 084 16 57.01)												
OCT • 1975 15...	1215	--	--	--	--	--	--	2.2	--	--	--	--
JAN • 1976 09...	0930	--	--	--	--	--	--	2.6	--	130	0	107
MAY 13...	1320	--	--	--	--	--	--	3.3	--	--	--	--
SEP 13...	1300	--	--	--	--	--	--	2.3	--	--	--	--
302418084195501 - WILSON (LAT 30 24 18 LONG 084 19 55.01)												
JAN • 1976 07...	1430	--	--	--	--	--	--	4.5	--	130	0	107
302513084161001 - TALLAHASSEE WELL 12 (LAT 30 25 13 LONG 084 16 10.01)												
AUG • 1976 13...	1100	--	--	11	--	35	8.9	3.1	.6	149	0	122
302602084230501 - TOWERS EAST WELL (LAT 30 26 02 LONG 084 23 05.01)												
JUL • 1976 09...	1200	--	--	--	--	12	3.9	.2	--	49	0	40
302612084261401 - WHISPERING PINES (LAT 30 26 12 LONG 084 26 14.01)												
JUL • 1976 09...	1200	--	--	--	--	31	2.7	1.4	--	98	4	87
302616084231201 - TOWERS WEST WELL (LAT 30 26 16 LONG 084 23 12.01)												
JUL • 1976 09...	1200	--	--	--	--	13	3.9	<.1	--	51	0	42
302616084242401 - PONDEROSA EAST WELL (LAT 30 26 16 LONG 084 24 24.01)												
JUL • 1976 09...	1200	--	--	--	--	49	4.4	7.8	--	134	12	130
302633084243201 - PONDEROSA WEST WELL (LAT 30 26 33 LONG 084 24 32.01)												
JUL • 1976 09...	1200	--	--	--	--	35	11	3.7	--	151	0	124
302711084204801 - BURGESS CIR (LAT 30 27 11 LONG 084 20 48.01)												
JUL • 1976 09...	1200	--	--	--	--	59	6.1	.2	--	184	20	184
302716084204801 - DRAKE-BURGESS NO.2 (LAT 30 27 16 LONG 084 20 48.01)												
JUL • 1976 09...	1200	--	--	--	--	42	8.1	.7	--	157	12	149

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
302341084165701 - FOURSQUARE CHURCH (LAT 30 23 41 LONG 084 16 57.01)												
OCT , 1975 15...	--	5.3	--	--	--	--	--	170	--	23.5	--	--
JAN , 1976 09...	--	4.4	--	--	--	--	--	205	8.1	22.0	--	--
MAY 13...	--	4.9	--	--	--	--	--	212	--	22.5	--	--
SEP 13...	--	3.2	--	--	--	--	--	165	--	22.0	--	--
302418084195501 - WILSON (LAT 30 24 18 LONG 084 19 55.01)												
JAN , 1976 07...	--	6.2	--	--	--	--	--	236	7.4	19.0	--	--
302513084161001 - TALLAHASSEE WELL 12 (LAT 30 25 13 LONG 084 16 10.01)												
AUG , 1976 13...	2.0	4.5	.2	150	139	120	2	248	7.3	22.0	0	120
302602084230501 - TOWERS EAST WELL (LAT 30 26 02 LONG 084 23 05.01)												
JUL , 1976 09...	3.0	9.0	.0	--	54	48	8	--	--	--	0	--
302612084261401 - WHISPERING PINES (LAT 30 26 12 LONG 084 26 14.01)												
JUL , 1976 09...	5.0	7.0	.0	--	110	90	3	--	--	--	0	--
302616084231201 - TOWERS WEST WELL (LAT 30 26 16 LONG 084 23 12.01)												
JUL , 1976 09...	3.0	9.0	.0	--	50	50	8	--	--	--	0	--
302616084242401 - PONDEROSA EAST WELL (LAT 30 26 16 LONG 084 24 24.01)												
JUL , 1976 09...	5.0	7.0	.0	--	150	142	12	--	--	--	10	--
302633084243201 - PONDEROSA WEST WELL (LAT 30 26 33 LONG 084 24 32.01)												
JUL , 1976 09...	15	6.0	.0	--	290	134	10	--	--	--	40	--
302711084204801 - BURGESS CIH (LAT 30 27 11 LONG 084 20 48.01)												
JUL , 1976 09...	5.0	7.0	.0	--	190	173	0	--	184	--	5	--
302716084204801 - DRAKE-BURGESS NO.2 (LAT 30 27 16 LONG 084 20 48.01)												
JUL , 1976 09...	8.0	9.0	.1	--	172	140	0	--	--	--	0	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)
302722084184101 - TALLAHASSEE WELL NO 13 (LAT 30 27 22 LONG 084 18 41.01)												
JAN , 1976 08...	0900	--	--	13	10	43	10	3.5	.4	179	0	147
302830084205001 - ASTORIA COURT (LAT 30 28 30 LONG 084 20 50.01)												
JUL , 1976 09...	1200	--	--	--	--	37	7.8	7.1	--	146	16	146
303015084195201 - RUNNYMEADE TEC (LAT 30 30 15 LONG 084 19 52.01)												
APR , 1976 21...	1200	--	--	--	--	37	8.3	6.7	--	149	0	122
303032084195501 - LAKE FOREST TEC (LAT 30 30 32 LONG 084 19 55.01)												
APR , 1976 21...	1200	--	--	--	--	37	14	15	--	156	0	128
303042084202201 - L.JACKSON HGHTS-LONGVIEW (LAT 30 30 42 LONG 084 20 22.01)												
APR , 1976 21...	1200	--	--	--	--	44	7.8	4.8	--	166	0	136
303045084192501 - HARWOOD (LAT 30 30 45 LONG 084 19 25.01)												
APR , 1976 21...	1200	--	--	--	--	24	15	8.1	--	139	0	114
303108084193101 - GREENWOOD TEC (LAT 30 31 08 LONG 084 19 31.01)												
APR , 1976 21...	1200	--	--	--	--	28	5.4	.2	--	110	0	90
303112084220701 - LAKEWOOD BUSINESS CTR (LAT 30 31 12 LONG 084 22 07.01)												
JUL , 1976 09...	1200	--	--	--	--	36	6.3	.1	--	127	4	111
303439084213701 - COUNTRY MANOR (LAT 30 34 39 LONG 084 21 37.01)												
APR , 1976 23...	1200	--	--	--	--	35	10	6.2	--	134	0	110
303453084132001 - KILLEARN LAKES (LAT 30 34 53 LONG 084 13 20.01)												
APR , 1976 23...	1200	--	--	--	--	37	7.8	7.1	--	139	0	114
303941084162501 - MERIDIAN HILLS (LAT 30 39 41 LONG 084 16 25.01)												
FEB , 1976 09...	1530	--	--	14	10	32	13	3.6	.8	161	0	132

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
302722084184101 - TALLAHASSEE WELL NO 13 (LAT 30 27 22 LONG 084 18 41.01)												
JAN , 1976 08...	5.4	5.8	.1	172	169	150	2	280	7.3	20.5	0	110
302830084205001 - ASTORIA COURT (LAT 30 28 30 LONG 084 20 50.01)												
JUL , 1976 09...	5.0	8.0	.1	--	150	126	0	--	--	--	0	--
303015084195201 - RUNNYMEADE TEC (LAT 30 30 15 LONG 084 19 52.01)												
APR , 1976 21...	5.0	6.0	.3	--	114	128	6	--	--	--	0	--
303032084195501 - LAKE FOREST TEC (LAT 30 30 32 LONG 084 19 55.01)												
APR , 1976 21...	5.0	6.0	.2	--	126	152	24	--	--	--	0	--
303042084202201 - L.JACKSON HGHTS-LONGVIEW (LAT 30 30 42 LONG 084 20 22.01)												
APR , 1976 21...	10	8.0	.2	--	164	144	8	--	--	--	0	--
303045084192501 - HARWOOD (LAT 30 30 45 LONG 084 19 25.01)												
APR , 1976 21...	3.0	7.0	.3	--	134	124	10	--	--	--	0	--
303108084193101 - GREENWOOD TEC (LAT 30 31 08 LONG 084 19 31.01)												
APR , 1976 21...	5.0	9.0	.2	--	112	92	2	--	--	--	0	--
303112084220701 - LAKEWOOD BUSINESS CTR (LAT 30 31 12 LONG 084 22 07.01)												
JUL , 1976 09...	10	9.0	.0	--	182	118	7	--	--	--	0	--
303439084213701 - COUNTRY MANOR (LAT 30 34 39 LONG 084 21 37.01)												
APR , 1976 23...	20	6.0	.3	--	170	132	22	--	--	--	0	--
303453084132001 - KILLEARN LAKES (LAT 30 34 53 LONG 084 13 20.01)												
APR , 1976 23...	3.0	10	.2	--	124	126	12	--	--	--	0	--
303941084162501 - MERIDIAN HILLS (LAT 30 39 41 LONG 084 16 25.01)												
FEB , 1976 09...	.6	5.8	.2	157	149	130	1	220	7.7	20.0	0	80

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS

LEVY COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01045)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
290118082364101 - 901236-- 17517E05 344 CE-70 (LAT 29 01 18 LONG 082 36 41.01)												
MAY , 1976 25...	1330	20.88	8.38	--	--	94	2.6	--	--	--	--	--
SEP 28...	0900	20.30	8.96	--	--	92	2.6	--	--	--	--	--
292713082374501 - BRONSON 703 MAIN ST WELL (LAT 29 27 13 LONG 082 37 45.01)												
FEB , 1976 19...	1145	--	--	4.0	10	23	2.2	3.5	.2	70	0	57
AUG 24...	0900	--	--	6.2	--	22	2.2	3.0	.3	75	0	62
LIBERTY COUNTY												
302138084490001 - FLA VENEER NO 3 (LAT 30 21 38 LONG 084 49 00.01)												
JUN , 1976 03...	1400	--	--	14	20	57	2.9	4.0	.8	198	0	162
302303084391801 - ED/BERNICES FISH CAMP (LAT 30 23 03 LONG 084 39 18.01)												
JUN , 1976 03...	1000	--	--	15	70	29	4.3	22	1.9	161	0	132
302602084585701 - BRISTOL WELL NO 2 (LAT 30 26 02 LONG 084 58 57.01)												
AUG , 1976 10...	1130	--	--	14	--	30	9.2	4.5	1.7	138	0	113
302650084581001 - SCHOOL ANNEX WELL (LAT 30 26 50 LONG 084 58 10.01)												
JUN , 1976 03...	1300	--	--	--	10	--	--	--	--	--	--	--
MADISON COUNTY												
302821082245601 - MADISON SR 53 CURVE WELL (LAT 30 28 21 LONG 083 25 00.01)												
AUG , 1976 26...	0900	--	--	8.8	--	46	7.8	3.8	.6	178	0	146
OKALOOSA COUNTY												
302726086364801 - FT WALTON BEACH WELL 7 N (LAT 30 27 26 LONG 086 36 48.01)												
AUG , 1976 16...	1300	--	--	14	--	6.2	4.5	78	5.6	208	0	171
303113086291501 - NICEVILLE CITY WELL NO 1 (LAT 30 31 13 LONG 086 29 15.01)												
AUG , 1976 16...	1600	--	--	13	--	24	14	8.3	3.2	164	0	135
304537086340601 - CRESTVIEW NO 1 (LAT 30 45 37 LONG 086 34 06.01)												
AUG , 1976 16...	0900	--	--	13	--	27	11	4.2	1.9	138	0	113

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
LEVY COUNTY

DATE	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
290118082364101 - 901236-- 17517E05 344 CE-70 (LAT 29 01 18 LONG 082 36 41.01)												
MAY , 1976 25...	--	11	--	--	--	250	--	472	7.1	21.0	15	--
SEP 28...	--	10	--	--	--	240	--	454	6.9	21.5	50	--
292713082374501 - BRONSON 703 MAIN ST WELL (LAT 29 27 13 LONG 082 37 45.01)												
FEB , 1976 19...	.3	4.9	.1	78	73	67	9	140	7.7	22.5	0	70
AUG 24...	3.5	4.7	.1	86	79	64	2	150	7.7	23.5	0	0
LIBERTY COUNTY												
302138084490001 - FLA VENEER NO 3 (LAT 30 21 38 LONG 084 49 00.01)												
JUN , 1976 03...	.3	3.6	.1	188	181	160	0	310	7.7	23.5	5	320
302303084391801 - ED/BERNICES FISH CAMP (LAT 30 23 03 LONG 084 39 18.01)												
JUN , 1976 03...	.8	10	.3	162	164	92	0	240	7.8	21.5	5	1700
302602084585701 - BRISTOL WELL NO 2 (LAT 30 26 02 LONG 084 58 57.01)												
AUG , 1976 10...	6.8	2.7	.3	133	138	110	0	220	7.7	23.0	0	370
302650084581001 - SCHOOL ANNEX WELL (LAT 30 26 50 LONG 084 58 10.01)												
JUN , 1976 03...	--	--	--	--	--	--	--	--	--	--	--	--
MADISON COUNTY												
302821082245601 - MADISON SR 53 CURVE WELL (LAT 30 28 21 LONG 083 25 00.01)												
AUG , 1976 26...	3.8	5.0	.2	167	164	150	1	295	7.1	21.5	5	50
OKALOOSA COUNTY												
302726086364801 - FT WALTON BEACH WELL 7 N (LAT 30 27 26 LONG 086 36 48.01)												
AUG , 1976 16...	5.0	30	.6	242	247	35	0	465	8.0	27.0	0	600
303113086291501 - NICEVILLE CITY WELL NO 1 (LAT 30 31 13 LONG 086 29 15.01)												
AUG , 1976 16...	7.8	2.8	.2	164	154	120	0	300	7.7	25.0	0	330
304537086340601 - CRESTVIEW NO 1 (LAT 30 45 37 LONG 086 34 06.01)												
AUG , 1976 16...	8.4	2.8	.2	126	137	110	0	250	7.8	25.0	5	200

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
SANTA ROSA COUNTY

303357087063801 - STANDBY INJ WELL AMER CY (LAT 30 33 57 LONG 087 06 38.01)

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
OCT , 1975 16...	1410	--	--	--	--	220	170	--	--	249	0	204
NOV 19...	1505	--	--	--	--	220	180	--	--	255	0	209
DEC 17...	1340	--	--	--	--	220	170	--	--	254	0	208
JAN , 1976 21...	1410	--	--	15	770	200	170	4500	100	269	0	221
MAR 21...	1125	--	--	--	--	190	180	--	--	348	0	285
APR 28...	0925	--	--	--	--	140	110	--	--	337	0	276
MAY 19...	1415	--	--	--	--	110	100	--	--	350	0	287
JUN 25...	0955	--	--	--	--	130	100	--	--	344	0	282
JUL 21...	1610	--	--	17	30	120	100	3200	60	357	0	293
AUG 19...	1705	--	--	--	--	110	95	--	--	360	0	295
SEP 16...	1130	--	--	--	--	120	100	--	--	367	0	301

303405087064601 - DEEP TEST-MONITOR WELL AMER CYANAMID (LAT 30 34 05 LONG 087 06 46.01)

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
OCT , 1975 16...	1110	--	--	--	--	53	37	--	--	397	0	326
NOV 19...	0910	--	--	--	--	48	36	--	--	399	0	327
DEC 15...	1605	--	--	--	--	47	37	--	--	404	0	331
JAN , 1976 21...	1015	--	--	13	2400	44	34	2000	38	412	0	338
FEB 26...	1540	--	--	--	--	44	38	--	--	465	0	381
MAR 20...	1610	--	--	--	--	37	32	--	--	572	0	469
APR 28...	1550	--	--	16	710	39	31	1900	35	582	0	477
MAY 13...	1125	--	--	18	2000	27	24	1700	33	812	0	666
13...	1340	--	--	--	--	28	26	--	--	802	0	658
13...	1440	--	--	--	--	32	28	--	--	684	0	561
13...	1615	--	--	16	1000	34	29	1800	36	630	0	517
JUN 24...	1515	--	--	--	--	34	28	--	--	1080	0	886
JUL 21...	1330	--	--	18	930	28	26	1760	32	1170	0	960
AUG 19...	1510	--	--	--	--	25	25	--	--	1310	0	1070
SEP 16...	0925	--	--	--	--	24	24	--	--	1400	0	1150

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
SANTA ROSA COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
303357087063801 - STANDBY INJ WELL AMER CY (LAT 30 33 57 LONG 087 06 38.01)												
OCT , 1975 16...	--	8000	3.3	--	--	1200	1000	22000	7.6	32.5	--	--
NOV 19...	--	8300	3.4	--	--	1300	1100	21600	7.5	32.5	--	--
DEC 17...	--	8200	3.2	--	--	1200	1000	22600	7.6	32.5	--	--
JAN , 1976 21...	--	7600	3.4	13300	--	1200	1000	23500	7.5	34.0	5	26000
MAR 21...	--	5100	3.8	--	--	1200	930	15800	7.7	32.5	--	--
APR 28...	--	5600	3.8	--	--	800	530	16900	7.7	32.5	--	--
MAY 19...	9.0	5000	3.7	--	--	690	400	16500	7.8	32.5	--	--
JUN 25...	5.0	5400	3.6	--	--	740	450	17500	7.7	32.5	--	--
JUL 21...	8.0	5100	3.8	9020	8800	730	440	17300	7.8	32.5	0	15000
AUG 19...	29	5100	3.6	--	--	670	370	15400	7.6	32.0	--	--
SEP 16...	31	5000	4.0	--	--	710	410	15500	7.6	32.0	--	--
303405087064601 - DEEP TEST-MONITOR WELL AMER CYANAMID (LAT 30 34 05 LONG 087 06 46.01)												
OCT , 1975 16...	--	3100	4.0	--	--	290	0	9300	7.7	25.5	--	--
NOV 19...	--	3100	4.2	--	--	270	0	9300	7.6	25.0	--	--
DEC 15...	--	3100	4.1	--	--	270	0	9000	7.7	25.0	--	--
JAN , 1976 21...	4.0	2900	4.4	5300	5250	260	0	8500	7.7	23.0	110	4300
FEB 26...	--	2800	4.4	--	--	270	0	9200	7.7	24.5	--	--
MAR 20...	--	2600	4.6	--	--	220	0	8800	7.8	25.0	--	--
APR 28...	110	2800	4.7	5360	5230	230	0	8700	7.7	26.0	10	4300
MAY 13...	280	2000	5.2	4540	4490	170	0	--	7.7	24.0	80	2900
13...	--	--	--	--	--	180	0	7700	7.8	24.0	--	--
13...	--	--	--	--	--	200	0	8200	7.7	24.0	--	--
13...	120	2000	4.8	4880	4360	210	0	--	7.7	24.5	90	3700
JUN 24...	290	2100	5.1	--	--	200	0	8400	7.8	25.5	--	--
JUL 21...	300	1900	5.1	4640	4650	180	0	8200	7.7	25.5	30	3400
AUG 19...	430	1700	5.3	--	--	170	0	8000	7.7	25.5	--	--
SEP 16...	420	1600	5.5	--	--	160	0	7100	7.5	26.0	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
SANTA ROSA COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
303413087063802 - SHALLOW MONITOR AMER CY (LAT 30 34 13 LONG 087 06 38.02)												
OCT , 1975												
15...	1545	--	--	--	--	1.6	.6	--	--	618	40	573
NOV												
18...	1610	--	--	--	--	1.7	.7	--	--	611	47	579
DEC												
15...	1335	--	--	--	--	1.9	.7	--	--	619	30	558
JAN , 1976												
20...	1115	--	--	12	160	1.6	.5	330	5.2	638	34	580
FEB												
26...	1030	--	--	--	--	1.6	.7	--	--	615	48	584
MAR												
20...	1410	--	--	--	--	1.7	.6	--	--	632	41	587
APR												
27...	1515	--	--	--	--	1.6	.7	--	--	576	47	551
MAY												
18...	1605	--	--	--	--	2.1	.8	--	--	630	44	590
JUN												
24...	0900	--	--	--	--	2.0	.7	--	--	632	42	588
JUL												
21...	0920	--	--	14	130	1.6	.6	320	5.3	633	42	589
AUG												
18...	1425	--	--	--	--	1.9	.7	--	--	635	42	591
SEP												
15...	1425	--	--	--	--	1.5	.7	--	--	641	38	589
303514087054801 - DEEP MONITOR NORTH AM CY (LAT 30 35 14 LONG 087 05 48.01)												
OCT , 1975												
16...	0950	--	--	--	--	20	21	--	--	416	0	341
NOV												
19...	1105	--	--	--	--	21	20	--	--	421	0	345
DEC												
17...	0950	--	--	--	--	21	20	--	--	424	0	348
JAN , 1976												
20...	1620	--	--	18	100	25	21	1400	25	428	0	351
FEB												
26...	1320	--	--	--	--	22	19	--	--	432	0	354
MAR												
21...	0900	--	--	--	--	21	19	--	--	448	0	367
APR												
27...	1715	--	--	--	--	22	22	--	--	434	0	356
MAY												
19...	0900	--	--	--	--	19	22	--	--	435	0	357
JUN												
24...	1310	--	--	--	--	22	21	--	--	444	0	364
JUL												
20...	1415	--	--	19	130	20	22	1350	27	446	0	366
AUG												
19...	1000	--	--	--	--	19	19	--	--	446	0	366
SEP												
15...	1040	--	--	--	--	26	25	--	--	436	0	358
303834087024801 - MILTON BYROM ST WELL 4 (LAT 30 38 34 LONG 087 02 48.01)												
AUG , 1976												
30...	1500	--	--	6.4	--	.8	.5	2.3	.4	2	0	2
SUWANNEE COUNTY												
301742082582901 - LIVE OAK NO 5 BRYSON ST (LAT 30 17 42 LONG 082 58 29.01)												
FEB , 1976												
18...	1315	--	--	6.8	0	56	3.9	3.4	.2	--	--	--
SEP												
01...	1500	--	--	17	--	40	13	8.6	1.1	184	0	151

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
SANTA ROSA COUNTY

303413087063802 - SHALLOW MONITOR AMER CY (LAT 30 34 13 LONG 087 06 38.02)

DATE	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
OCT , 1975 15...	--	85	4.9	--	--	6	0	1340	8.9	24.0	--	--
NOV 18...	--	84	4.9	--	--	7	0	1330	8.9	24.0	--	--
DEC 15...	--	85	4.7	--	--	8	0	1400	8.8	24.0	--	--
JAN , 1976 20...	.4	88	4.8	803	794	6	0	1190	8.7	24.0	110	180
FEB 26...	--	90	5.1	--	--	7	0	1260	8.8	23.5	--	--
MAR 20...	--	85	4.8	--	--	7	0	1300	8.9	24.0	--	--
APR 27...	--	90	4.5	--	--	7	0	1320	9.0	24.0	--	--
MAY 18...	--	86	4.7	--	--	9	0	1280	9.0	24.0	--	--
JUN 24...	4.0	95	4.8	--	--	8	0	1330	8.9	24.0	--	--
JUL 21...	3.0	90	4.7	817	795	7	0	1360	8.9	24.0	80	160
AUG 18...	4.2	90	4.8	--	--	8	0	1320	8.9	24.0	--	--
SEP 15...	.8	90	4.9	--	--	7	0	1320	8.8	24.0	--	--

303514087054801 - DEEP MONITOR NORTH AM CY (LAT 30 35 14 LONG 087 05 48.01)

DATE	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
OCT , 1975 16...	--	1900	4.0	--	--	140	0	5900	7.9	23.0	--	--
NOV 19...	--	1900	4.1	--	--	140	0	6500	7.8	23.0	--	--
DEC 17...	--	1900	3.9	--	--	140	0	5850	7.8	23.0	--	--
JAN , 1976 20...	29	1900	3.5	3500	3640	150	0	6000	7.8	23.0	0	3300
FEB 26...	--	1900	4.3	--	--	130	0	6200	7.8	23.0	--	--
MAR 21...	--	1900	4.2	--	--	130	0	5950	7.8	23.0	--	--
APR 27...	--	2100	4.2	--	--	150	0	6500	7.8	23.5	--	--
MAY 19...	--	1900	3.9	--	--	140	0	6100	7.8	23.5	--	--
JUN [illegible]...	6.2	1900	3.8	--	--	140	0	6800	7.9	23.5	--	--
JUL 20...	5.0	1900	1.9	3448	3570	140	0	5900	7.8	24.0	5	3100
AUG 19...	2.4	1900	3.8	--	--	130	0	6500	7.8	24.0	--	--
SEP 15...	11	2000	4.1	--	--	170	0	6800	7.7	24.0	--	--

303834087024801 - MILTON BYROM ST WELL 4 (LAT 30 38 34 LONG 087 02 48.01)

DATE	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
AUG , 1976 30...	1.2	2.7	.0	25	15	4	2	20	5.1	23.5	5	30

SUWANNEE COUNTY

301742082582901 - LIVE OAK NO 5 BRYSON ST (LAT 30 17 42 LONG 082 58 29.01)

DATE	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
FEB , 1976 18...	--	--	.1	179	--	160	--	320	7.7	20.5	20	80
SEP 01...	5.8	12	.4	203	189	150	3	355	7.2	23.0	10	100

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
TAYLOR COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED CALCIUM (CA) (MG/L) (00915)	DIS-SOLVED MAGNESIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	DIS-SOLVED POTASSIUM (K) (MG/L) (00935)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	ALKA-LINITY AS CACO3 (MG/L) (00410)
300710083350501 - PERRY NO 3 WELL (LAT 30 07 10 LONG 083 35 05.01)												
AUG • 1976 26...	1600	--	--	6.3	--	50	14	5.1	1.2	220	0	180
UNION COUNTY												
300107082204501 - LAKE BUTLER 4TH ST WELL (LAT 30 01 07 LONG 082 20 45.01)												
AUG • 1976 23...	1300	--	--	20	--	40	15	7.4	1.1	188	0	154
300108082204301 - U-3 (LAT 30 01 08 LONG 082 20 43.01)												
FEB • 1976 19...	1600	--	--	13	10	40	15	7.0	1.1	183	0	150
WAKULLA COUNTY												
300039084323301 - DAVIS FLOWING WELL (LAT 30 00 39 LONG 084 32 33.01)												
JUN • 1976 07...	1340	--	--	20	0	96	7.0	5.8	.9	342	0	281
300343084293001 - TOWN OF SOPCHOPPY (LAT 30 03 43 LONG 084 29 30.01)												
AUG • 1976 12...	1130	--	--	--	70	--	--	--	--	--	--	--
300344084294701 - SOPCHOPPY RIVER WELL (LAT 30 03 44 LONG 084 29 47.01)												
JUN • 1976 07...	1315	--	--	15	20	66	4.0	3.6	.9	222	0	182
301028084223802 - CRAWFORDVILLE 6 IN WELL (LAT 30 10 28 LONG 084 22 38.02)												
MAR • 1976 15...	1020	--	--	8.5	0	46	3.2	3.6	5.1	149	0	122
AUG 13...	1500	--	--	8.2	--	48	3.3	4.3	.8	150	0	123
301115084241201 - ARRAN WORK CENTER (LAT 30 11 15 LONG 084 24 12.01)												
DEC • 1975 10...	1430	--	--	6.6	130	48	.8	4.3	.8	148	0	121
301301084190201 - HUGH MCCALLISTER (LAT 30 13 01 LONG 084 19 02.01)												
OCT • 1975 16...	1330	--	--	--	--	--	--	2.1	--	--	--	--
SEP • 1976 15...	1300	--	--	--	--	--	--	2.5	--	--	--	--
301507084192801 - BETHEL CHURCH (LAT 30 15 07 LONG 084 19 28.01)												
OCT • 1975 16...	1410	--	--	--	--	--	--	2.1	--	--	--	--
SEP • 1976 15...	1230	--	--	--	--	--	--	2.1	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
TAYLOR COUNTY

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
300710083350501 - PERRY NO 3 WELL (LAT 30 07 10 LONG 083 35 05.01)												
AUG , 1976 26...	7.2	7.8	.2	213	200	180	2	350	7.3	23.5	10	100
UNION COUNTY												
300107082204501 - LAKE BUTLER 4TH ST WELL (LAT 30 01 07 LONG 082 20 45.01)												
AUG , 1976 23...	19	9.0	.3	219	206	160	9	355	7.5	25.0	5	1400
300108082204301 - U-3 (LAT 30 01 08 LONG 082 20 43.01)												
FEB , 1976 19...	16	8.0	.3	204	192	160	13	355	7.8	24.0	0	1300
WAKULLA COUNTY												
300039084323301 - DAVIS FLOWING WELL (LAT 30 00 39 LONG 084 32 33.01)												
JUN , 1976 07...	1.1	6.2	.3	323	306	270	0	540	7.1	20.0	10	300
300343084293001 - TOWN OF SOPCHOPPY (LAT 30 03 43 LONG 084 29 30.01)												
AUG , 1976 12...	--	--	--	--	--	--	--	--	--	--	--	--
300344084294701 - SOPCHOPPY RIVER WELL (LAT 30 03 44 LONG 084 29 47.01)												
JUN , 1976 07...	1.1	4.8	.3	215	205	180	0	330	7.4	21.5	5	220
301028084223802 - CRAWFORDVILLE 6 IN WELL (LAT 30 10 28 LONG 084 22 38.02)												
MAR , 1976 15...	10	6.0	.1	155	156	130	6	300	7.6	21.0	0	200
AUG 13...	9.0	6.4	.2	163	154	130	7	290	7.3	22.0	0	250
301115084241201 - ARRAN WORK CENTER (LAT 30 11 15 LONG 084 24 12.01)												
DEC , 1975 10...	3.0	4.2	.0	134	141	120	2	240	7.3	18.0	20	210
301301084190201 - HUGH MCCALLISTER (LAT 30 13 01 LONG 084 19 02.01)												
OCT , 1975 16...	--	7.2	--	--	--	--	--	--	--	23.0	--	--
SEP , 1976 15...	--	9.4	--	--	--	--	--	417	--	22.0	--	--
301507084192801 - BETHEL CHURCH (LAT 30 15 07 LONG 084 19 28.01)												
OCT , 1975 16...	--	4.5	--	--	--	--	--	--	--	22.0	--	--
SEP , 1976 15...	--	3.6	--	--	--	--	--	238	--	21.0	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
WALTON COUNTY

DATE	TIME	ELEVATION ABOVE MEAN SEA LEVEL (FT) (72020)	DEPTH BELOW LAND SURFACE (FT) (72019)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED IRON (FE) (UG/L) (01046)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	ALKALINITY AS CACO3 (MG/L) (00410)
304310086070601 - CITY OF DEFUNIAK (LAT 30 43 10 LONG 086 07 06.01)												
AUG , 1976												
17...	0900	--	--	9.0	--	19	6.0	2.9	.8	86	0	71
WASHINGTON COUNTY												
304652085321401 - CHIPLEY CITY WELL NO 2 (LAT 30 46 52 LONG 085 32 14.01)												
AUG , 1976												
17...	1500	--	--	7.8	--	36	1.9	2.6	.6	116	0	95

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
MAJOR CONSTITUENTS
WALTON COUNTY

DATE	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
304310086070601 - CITY OF DEFUNIAK (LAT 30 43 10 LONG 086 07 06.01)												
AUG , 1976 17...	3.0	2.9	.1	90	86	72	2	170	7.5	22.0	0	100

WASHINGTON COUNTY

DATE	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	PH (UNITS) (00400)	TEMPERATURE (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	DISSOLVED STRONTIUM (SR) (UG/L) (01080)
304652085321401 - CHIPLEY CITY WELL NO 2 (LAT 30 46 52 LONG 085 32 14.01)												
AUG , 1976 17...	.0	2.9	.1	110	109	98	3	200	7.5	21.5	0	80

GROUND WATER QUALITY RECORDS

Nutrients and Related Constituents

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GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
ALACHUA COUNTY

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
294209082173101 - 942217 09S20E15 443 NO 7 GAINESVILLE (LAT 29 42 09 LONG 082 17 31.01)										
AUG , 1976										
25...	27	.18	.01	--	--	--	--	--	--	--
25...	--	.01	.00	--	--	--	--	--	--	--
BAKER COUNTY										
301708082073901 - MCCLENNY OHIO ST LAB WELL (LAT 30 17 08 LONG 082 07 39.01)										
AUG , 1976										
23...	19	.00	.00	--	--	--	--	--	--	--
BRADFORD COUNTY										
295633082062701 - STARKE POWER PLANT WELL (LAT 29 56 33 LONG 082 06 27.01)										
DEC , 1975										
16...	28	.03	.02	.08	--	--	.02	--	--	1.0
CALHOUN COUNTY										
302640085031101 - BLOUNTSTOWN WELL NO.2 (LAT 30 26 40 LONG 085 03 11.01)										
AUG , 1976										
27...	16	.00	.01	--	--	--	--	--	--	--
COLUMBIA COUNTY										
301108082372401 - LAKE CITY WELL NO. 2 (LAT 30 11 08 LONG 082 37 24.01)										
FEB , 1976										
18...	13	.00	.00	.49	--	--	--	--	--	--
SEP										
01...	7.3	.54	.00	--	--	--	--	--	--	--
DIXIE COUNTY										
293815083073301 - CROSS CITY WATER PLANT (LAT 29 38 15 LONG 083 07 33.01)										
AUG , 1976										
24...	4.1	.00	.00	--	--	--	--	--	--	--
ESCAMBIA COUNTY										
302302087252501 - USGS TH107,BRONSON FLD. (LAT 30 23 02 LONG 087 25 25.01)										
MAY , 1976										
20...	--	.00	.01	--	--	--	--	--	--	--
302302087252502 - USGS TH107A,BRONSON FLD. (LAT 30 23 02 LONG 087 25 25.02)										
MAY , 1976										
20...	--	.00	.05	--	--	--	--	--	--	--
302514087140301 - PENS. WEST PLANT I&CERV. (LAT 30 25 14 LONG 087 14 03.01)										
AUG , 1976										
30...	8.0	3.6	.01	--	--	--	--	--	--	--
302523087125601 - PENS.6-DESOTO AT L&NRR (LAT 30 25 23 LONG 087 12 56.01)										
AUG , 1976										
05...	8.6	1.6	.00	.01	.08	.01	--	--	--	.0

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
ESCAMBIA COUNTY

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
302535087125701 - PENS.8-L&NRR AT LLOYD ST (LAT 30 25 35 LONG 087 12 57.01)										
AUG • 1976 05...	7.6	2.8	.00	.01	.07	.01	--	--	--	.0
302555087122702 - PENS.EAST PLT-10TH&MLLRY (LAT 30 25 55 LONG 087 12 27.02)										
AUG • 1976 05...	9.4	4.4	.00	.20	.03	.01	--	--	--	.0
302602087130701 - PENS.WELL 9-JRDN & L&NRR (LAT 30 26 02 LONG 087 13 07.01)										
AUG • 1976 05...	9.1	3.8	.00	.09	.06	.01	--	--	--	3.0
302837087105301 - PENS.AIRPORT NORTH (LAT 30 28 37 LONG 087 10 53.01)										
AUG • 1976 06...	6.9	.21	.00	.01	.08	.01	--	--	--	.0
302842087095601 - USGS TH106.NE SEWAGE PLT. (LAT 30 28 42 LONG 087 09 56.01)										
MAY • 1976 19...	--	.15	.01	--	--	--	--	--	--	--
302842087095602 - USGS TH106A.NE SEWAGE PLT. (LAT 30 28 42 LONG 087 09 56.02)										
MAY • 1976 17...	--	3.0	.01	--	--	--	--	--	--	--
303015087192001 - PENS.DUNAWAY.8-MI CRK RD. (LAT 30 30 15 LONG 087 19 20.01)										
AUG • 1976 05...	8.9	.03	.00	.01	.11	.01	--	--	--	--
303313087140002 - USGS TH98A (LAT 30 33 18 LONG 087 13 48.02)										
MAR • 1976 12...	--	.05	.00	--	--	--	--	--	.3	.0
JUN 02...	--	.08	.00	.01	.00	.01	.00	--	.2	.0
AUG 04...	--	.06	.01	.04	.00	.01	--	--	--	.0
303327087135401 - USGS TH101.S.H.NE GATE (LAT 30 33 33 LONG 087 13 41.01)										
MAR • 1976 10...	--	.07	.00	--	--	--	--	--	.0	4.0
JUN 03...	--	.15	.00	.01	.14	.01	--	--	.2	.0
AUG 03...	--	.12	.00	.02	.19	.00	--	--	.0	1.0

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
ESCAMBIA COUNTY

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
303327087135402 - USGS TH101A.S.H. NE GATE (LAT 30 33 33 LONG 087 13 41.02)										
DEC . 1975										
22...	--	3.8	.02	.01	.17	.01	.00	6	--	.0
MAR . 1976										
10...	--	2.1	.00	--	--	--	--	--	.0	3.0
JUN										
03...	--	3.1	.00	.01	.18	.01	--	--	.2	.0
AUG										
03...	--	2.9	.01	.02	.24	.02	--	--	.4	2.0
303331087135803 - USGS TH102B S.H.N.LAGOON (LAT 30 33 37 LONG 087 13 45.03)										
MAR . 1976										
11...	--	2.5	.00	--	--	--	--	--	.6	3.0
JUN										
02...	--	3.4	.00	1.2	.00	.01	.00	--	.4	.0
AUG										
03...	--	.71	.00	1.3	.07	.01	--	--	.1	3.0
303348087141001 - PENS.S.H.SEWAGE 99 N.MON (LAT 30 34 07 LONG 087 14 15.01)										
MAR . 1976										
11...	--	.02	.00	--	--	--	--	--	.3	4.0
JUN										
02...	--	.04	.00	.01	.00	.01	--	--	.2	.0
AUG										
04...	--	.04	.00	.03	.00	.01	--	--	--	2.0
303417087141701 - SOUTH MONITOR (LAT 30 34 17 LONG 087 14 17.01)										
OCT . 1975										
15...	--	.00	.00	9.3	.90	.02	.02	20	--	--
NOV										
18...	--	.01	.02	10	.37	.02	.01	25	--	--
DEC										
16...	--	.02	.03	9.3	.80	.03	.01	20	--	--
JAN . 1976										
22...	--	.00	.01	9.0	1.1	.03	.01	25	--	--
FEB										
25...	--	.00	.01	10	1.5	.01	.01	20	--	--
MAR										
20...	20	.00	.00	9.3	.60	.02	.01	20	--	--
APR										
27...	--	.00	.01	10	.70	.02	.01	20	--	--
MAY										
14...	--	.00	.00	8.9	.40	.02	.01	--	--	--
JUN										
22...	--	.00	.00	9.5	.50	.02	.02	20	--	--
JUL										
20...	--	.00	.00	9.4	.30	.01	.01	20	--	--
AUG										
18...	--	.00	.00	10	.30	.03	.01	20	--	--
SEP										
14...	14	.00	.01	10	.87	.02	.01	20	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
ESCAMBIA COUNTY

303538087145501 - SHALLOW MONITOR (LAT 30 35 38 LONG 087 14 55.01)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT . 1975 14...	--	.00	.00	1.2	.20	.07	.07	6	--	--
NOV 17...	--	.01	.02	1.2	.24	.07	.07	2	--	--
DEC 16...	--	.02	.03	1.3	.20	.07	.07	4	--	--
JAN . 1976 22...	--	.03	.01	1.3	.19	.06	.06	2	--	--
FEB 25...	--	.00	.01	1.3	.14	.07	.06	2	--	--
MAR 19...	14	.00	.00	1.3	.20	.07	.06	2	--	--
APR 26...	--	.00	.01	1.2	.27	.07	.07	3	--	--
MAY 20...	--	.00	.01	1.3	.18	.06	.06	3	--	--
JUN 23...	--	.00	.01	1.3	.17	.07	.07	2	--	--
JUL 19...	--	.00	.01	1.2	.37	.07	.06	3	--	--
AUG 17...	--	.00	.00	1.4	.07	.07	.07	3	--	--
SEP 14...	17	.00	.01	1.3	.07	.08	.07	3	--	--

303657087154301 - NORTH MONITOR (LAT 30 36 57 LONG 087 15 43.01)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT . 1975 14...	--	.00	.00	8.7	.20	.01	.00	15	--	--
NOV 17...	--	.02	.01	10	.20	.01	.01	20	--	--
DEC 16...	--	.03	.02	8.9	.20	.03	.01	20	--	--
JAN . 1976 22...	--	.00	.01	8.9	.50	.02	.01	20	--	--
FEB 25...	--	.00	.01	9.2	1.0	.00	.00	15	--	--
MAR 19...	17	.00	.00	9.1	.30	.01	.00	15	--	--
APR 26...	--	.00	.00	9.4	.10	.01	.00	15	--	--
MAY 20...	--	.00	.01	9.1	.10	.01	.01	15	--	--
JUN 23...	--	.00	.00	9.4	.10	.02	.02	15	--	--
JUL 19...	--	.00	.00	9.4	.60	.01	.00	15	--	--
AUG 17...	--	.00	.00	9.7	.10	.02	.00	15	--	--
SEP 14...	--	.00	.01	9.2	.47	.02	.00	15	--	--

FRANKLIN COUNTY

294339084591901 - APALACHICOLA WELL NO 1 (LAT 29 43 39 LONG 084 59 19.01)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
AUG . 1976 19...	23	.06	.00	--	--	--	--	--	--	--

GADSDEN COUNTY

303554084344801 - CITY OF QUINCY NO. 2 (LAT 30 35 54 LONG 084 34 48.01)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
AUG . 1976 11...	15	.02	.00	--	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
GILCHRIST COUNTY

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
936530824 93202 - 936249220A 10S15E16 14- CITY OF TRENTON E. WELL (LAT 29 36 53 LONG 082 49 32.02)										
FEB . 1976 19...	4.7	.22	.00	.01	--	--	--	--	--	--
AUG 23...	7.0	.29	.00	--	--	--	--	--	--	--
GULF COUNTY										
300642085115001 - WEWAHITCHKA LK G RD WELL (LAT 30 06 42 LONG 085 11 50.01)										
AUG . 1976 27...	12	.01	.00	--	--	--	--	--	--	--
HAMILTON COUNTY										
303123082564201 - JASPER WELL NO.3 (LAT 30 31 23 LONG 082 56 42.01)										
FEB . 1976 18...	16	.00	.00	.08	--	--	--	--	--	--
SEP 01...	24	.00	.00	--	--	--	--	--	--	--
HOLMES COUNTY										
304710085410801 - BONIFAY MCGEE RD WELL (LAT 30 47 10 LONG 085 41 08.01)										
AUG . 1976 17...	8.8	.32	.00	--	--	--	--	--	--	--
JACKSON COUNTY										
304633085131601 - MARIANNA WELL NO. 5 (LAT 30 46 33 LONG 085 13 16.01)										
AUG . 1976 27...	9.5	.59	.00	--	--	--	--	--	--	--
JEFFERSON COUNTY										
303254083520901 - MONTICELLO CITY WELL (LAT 30 32 54 LONG 083 52 09.01)										
JAN . 1976 08...	12	.22	.01	.02	--	--	--	--	--	--
AUG 12...	11	.16	.00	--	--	--	--	--	--	--
LAFAYETTE COUNTY										
300334083101801 - MAYO WELL SR 51 + PASCO (LAT 30 03 34 LONG 083 10 18.01)										
AUG . 1976 26...	5.9	.92	.00	--	--	--	--	--	--	--
LEON COUNTY										
301930084184201 - ST PETERS CHURCH (LAT 30 19 30 LONG 084 18 42.01)										
JAN . 1976 08...	--	.10	.01	.02	.13	.01	.00	25	--	--
SEP 15...	--	.01	.00	.01	.00	.01	--	--	--	--
301935084194701 - MESSER (LAT 30 19 35 LONG 084 19 47.01)										
JAN . 1976 08...	--	.11	.01	.02	.00	.01	.00	1	--	--
SEP 16...	--	.02	.00	.01	.04	.02	.02	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
301935084203501 - WALLACE (LAT 30 19 35 LONG 084 20 35.01)										
OCT , 1975 15...	--	7.2	.00	.02	.01	.02	.01	6	--	--
JAN , 1976 07...	--	10	.01	.02	.00	.00	.00	1	--	--
SEP 15...	--	7.4	.00	.01	.00	.01	--	--	--	--
301953084184301 - GLOVER (LAT 30 19 53 LONG 084 18 43.01)										
SEP , 1976 16...	--	.67	.01	.00	.00	.01	.00	--	--	--
302056084214901 - HENRY BRATCHER (LAT 30 20 56 LONG 084 21 49.01)										
OCT , 1975 15...	--	1.7	.00	.02	.00	.02	.02	1	--	--
JAN , 1976 07...	--	2.2	.01	.01	.01	.01	.01	1	--	--
JUN 17...	--	1.1	.00	.04	.01	.02	--	--	--	--
SEP 16...	--	2.0	.00	.01	.00	.02	--	--	--	--
302122084194001 - USGS LS 19 (LAT 30 21 22 LONG 084 19 40.01)										
OCT , 1975 08...	--	.12	.00	.01	.00	.02	.01	7	--	--
JAN , 1976 29...	--	.05	.01	.03	.00	.03	.03	10	--	--
MAY 12...	--	.05	.01	.01	.00	.02	--	--	--	--
AUG 26...	--	.07	.00	.01	.04	.03	--	--	--	--
302125084182301 - CARMEN HIERS (LAT 30 21 25 LONG 084 18 23.01)										
SEP , 1976 13...	--	.81	.00	.01	.00	.03	--	--	--	--
302135084202001 - USGS LS 20 (LAT 30 21 35 LONG 084 20 20.01)										
OCT , 1975 08...	--	.21	.00	.02	.02	.02	.01	20	--	--
JAN , 1976 29...	--	.24	.01	.03	.07	.04	.02	25	--	--
MAY 12...	--	.31	.01	.01	.04	.02	--	--	--	--
AUG 26...	--	.03	.00	.01	.07	.03	--	--	--	--
302206084194001 - USGS LS 13 (LAT 30 22 06 LONG 084 19 40.01)										
OCT , 1975 15...	--	.10	.01	.02	.03	.03	.03	80	--	--
FEB , 1976 12...	--	.06	.01	.01	.03	.02	.02	10	--	--
JUN 07...	--	.08	.03	.04	.00	.07	--	--	--	--
AUG 25...	--	.03	.01	.01	.08	.07	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
302212084214901 - MINNICK (LAT 30 22 12 LONG 084 21 49.01)										
SEP , 1976 16...	--	.44	.01	.00	.00	.03	.02	--	--	--
302219084180101 - MORRIS SINGLETARY (LAT 30 22 19 LONG 084 18 01.01)										
MAY , 1976 13...	--	.00	.00	.02	.13	.01	--	--	--	--
SEP 13...	--	.00	.01	.07	.13	.01	--	--	--	--
302228084213401 - JAMES R MIMS (LAT 30 22 28 LONG 084 21 34.01)										
OCT , 1975 15...	--	.54	.00	.02	.00	.01	.01	1	--	--
JAN , 1976 22...	--	1.0	.02	.01	.03	.02	.02	1	--	--
JUN 18...	--	.66	.00	.04	.04	.02	--	--	--	--
SEP 16...	--	1.1	.00	.01	.00	.02	--	--	--	--
302233084194101 - USGS LS 5 (LAT 30 22 56 LONG 084 19 35.01)										
OCT , 1975 07...	--	4.6	.00	.01	.01	.02	.01	8	--	--
JAN , 1976 28...	6.4	3.2	.01	.02	.00	.03	.03	9	--	--
MAY 12...	--	4.0	.01	.01	.00	.03	--	--	--	--
AUG 25...	--	4.2	.00	.01	.04	.03	--	--	--	--
302233084212501 - TOM GREENE (LAT 30 22 33 LONG 084 21 25.01)										
APR , 1976 13...	--	.63	.00	.01	.00	.01	--	--	--	--
302234084180301 - MIKE GILL (LAT 30 22 34 LONG 084 18 03.01)										
MAY , 1976 13...	--	1.8	.00	.01	.00	.02	--	--	--	--
302234084193901 - USGS LS 14 (LAT 30 22 34 LONG 084 19 39.01)										
OCT , 1975 14...	--	.06	.04	.07	.01	.04	.04	260	--	--
14...	--	.06	.03	.03	.00	.03	.03	--	--	--
14...	--	.02	.07	.09	.08	.06	.06	--	--	--
JAN , 1976 23...	--	.02	.04	.06	.00	.10	.09	--	--	--
JUN 07...	--	.05	.02	.05	.00	.03	.03	--	--	--
AUG 26...	--	.04	.01	.04	.03	.03	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
302235084181601 - BAXLEY (LAT 30 22 35 LONG 084 18 16.01)										
MAY , 1976 13...	--	1.3	.00	.01	.00	.02	--	--	--	--
SEP 13...	--	1.3	.00	.01	.00	.02	--	--	--	--
302235084190301 - USGS LS 4 (LAT 30 22 35 LONG 084 19 03.01)										
OCT , 1975 07...	--	.03	.00	.01	.00	.01	.00	4	--	--
MAY , 1976 12...	--	.01	.01	.01	.00	.01	--	--	--	--
AUG 25...	--	.00	.00	.01	.02	.02	--	--	--	--
302241084172801 - COX GAS STATION (LAT 30 22 41 LONG 084 17 28.01)										
JAN , 1976 08...	--	.10	.02	.02	.00	.03	.03	1	--	--
MAY 13...	--	.00	.00	.02	.00	.05	--	--	--	--
SEP 13...	--	.00	.00	.01	.00	.04	--	--	--	--
302250084210501 - JOHN D. GRAY (LAT 30 22 50 LONG 084 21 05.01)										
APR , 1976 19...	--	.17	.00	.02	.00	.01	--	--	--	--
302252084192901 - USGS LS 22 (LAT 30 22 52 LONG 084 19 29.01)										
OCT , 1975 07...	--	3.8	.01	.01	.01	.02	.01	6	--	--
JAN , 1976 29...	6.7	2.1	.01	.01	.02	.03	.03	4	--	--
MAY 12...	--	2.6	.01	.01	.00	.03	--	--	--	--
AUG 25...	--	3.1	.02	.01	.01	.03	--	--	--	--
302252084204901 - JOE MESSENGER (LAT 30 22 52 LONG 084 20 49.01)										
APR , 1976 13...	--	.10	.00	.01	.02	.01	--	--	--	--
302257084191101 - USGS LS26 (LAT 30 22 57 LONG 084 19 11.01)										
OCT , 1975 08...	--	.37	.00	.07	.00	.02	.01	4	--	.0
FEB , 1976 04...	7.4	.22	.01	.04	.07	.01	.01	3	--	--
MAY 13...	--	.30	.01	.06	.00	.03	--	--	--	--
AUG 26...	--	.36	.00	.07	.00	.03	--	--	--	--
302257084210901 - MARVIN C. GRAY (LAT 30 22 57 LONG 084 21 09.01)										
APR , 1976 19...	--	.18	.00	.02	.05	.02	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
302258084193001 - USGS LS17 (LAT 30 22 58 LONG 084 19 30.01)										
OCT • 1975 07...	--	5.2	.00	.01	.05	.02	.01	2	--	--
JAN • 1976 28...	6.7	3.4	.01	.03	.00	.05	.03	20	--	--
MAY 13...	--	5.3	.00	.01	.00	.02	--	--	--	--
AUG 31...	--	6.0	.00	.01	.03	.03	--	--	--	--
302301084192902 - USGS LS 18 (LAT 30 23 01 LONG 084 19 29.02)										
OCT • 1975 07...	--	6.2	.00	.01	.29	.02	.01	10	--	--
JAN • 1976 29...	6.8	5.0	.01	.10	.00	.03	.03	10	--	--
MAY 12...	--	5.8	.01	.02	.00	.03	--	--	--	--
AUG 31...	--	6.2	.00	.02	.04	.03	--	--	--	--
302303084190901 - USGS LS25 (LAT 30 23 03 LONG 084 19 09.01)										
OCT • 1975 08...	--	.08	.00	.01	.00	.01	.01	7	--	.0
FEB • 1976 04...	--	.06	.00	.01	.07	.01	.01	5	--	--
AUG 26...	--	.04	.00	.01	.00	.03	--	--	--	--
302306084184901 - ANIMAL SHELTER (LAT 30 23 06 LONG 084 18 49.01)										
JAN • 1976 08...	--	.10	.01	.08	.24	.10	.01	45	--	--
MAY 13...	--	.35	.00	.01	.00	.04	--	--	--	--
302308084195301 - USGS LS 6 (LAT 30 23 08 LONG 084 19 53.01)										
OCT • 1975 07...	--	.60	.00	.01	.00	.01	.01	2	--	--
JAN • 1976 28...	--	.45	.01	.02	.00	.03	.03	7	--	--
MAY 12...	--	.55	.00	.01	.00	.02	--	--	--	--
AUG 31...	--	.95	.00	.01	.04	.02	--	--	--	--
302309084191101 - USGS LS 12 (LAT 30 23 09 LONG 084 19 11.01)										
FEB • 1976 11...	--	18	.01	.03	.06	.01	.01	45	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
LEON COUNTY

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
302312084191301 - USGS LS29 (LAT 30 23 12 LONG 084 19 13.01)										
MAR • 1976										
23...	--	8.0	.00	.01	.05	.01	.00	--	--	--
23...	--	14	.00	.02	.02	.01	.00	--	--	--
23...	--	7.6	.00	.03	.10	.01	.00	--	--	--
23...	--	6.4	.01	.04	.04	.01	.00	--	--	--
23...	--	6.0	.00	.04	.07	.01	.00	--	--	--
24...	--	5.1	.01	.05	.15	.02	.01	--	--	--
24...	--	5.8	.10	.14	.72	.01	.00	--	--	--
24...	--	3.9	.06	.13	.43	.01	.00	--	--	--
24...	--	6.6	.05	.04	.11	.02	.00	--	--	--
24...	--	8.6	.01	.02	.00	.02	.01	--	--	--
25...	--	4.9	.01	.04	.07	.03	.01	--	--	--
26...	--	5.6	.21	.20	.17	.01	.00	--	--	--
26...	--	6.0	.10	.09	.11	.02	.00	--	--	--
26...	--	5.5	.11	.12	.20	.01	.00	--	--	--
26...	--	5.8	.24	.37	.08	.01	.00	--	--	--
26...	--	5.7	.03	.04	.05	.01	.00	--	--	--
MAY										
01...	--	1.2	.80	.03	.38	.02	--	--	--	--
01...	--	3.4	.15	.15	.37	.04	--	--	--	--
01...	--	7.8	.21	.24	.14	.03	--	--	--	--
01...	--	4.5	.11	.04	.21	.02	--	--	--	--
01...	--	6.9	.13	.04	.10	.03	--	--	--	--
13...	--	1.7	.01	.01	.01	.05	--	--	--	--
302313084191301 - USGS LS 1 (LAT 30 23 13 LONG 084 19 13.01)										
OCT • 1975										
09...	7.1	4.4	.00	.01	.11	.02	.02	2	--	--
JAN • 1976										
28...	6.9	2.9	.01	.02	.06	.04	.04	3	--	--
JUN										
08...	7.4	7.5	.01	.03	.02	.03	.02	1	.4	1.0
AUG										
31...	--	16	.00	.01	.06	.03	--	--	--	--
302313084192201 - USGS LS 9 (LAT 30 23 13 LONG 084 19 22.01)										
FEB • 1976										
11...	--	17	.04	.11	.00	.02	.02	4	--	--
302314084191501 - USGS LS27 (LAT 30 23 14 LONG 084 19 15.01)										
NOV • 1975										
03...	--	23	.04	.05	.01	.04	.03	20	--	--
04...	--	7.8	.18	.47	.07	.07	.03	25	--	--
04...	--	5.3	.64	.78	.08	.01	.01	8	--	--
04...	--	6.3	.22	.10	.31	.01	.00	30	--	--
04...	--	6.2	.29	.04	.16	.03	.03	50	--	--
05...	--	7.5	.48	.06	.30	.02	.01	30	--	--
05...	--	12	.29	.11	.11	.02	.00	8	--	--
05...	--	12	.13	.03	.03	.02	.02	30	--	--
05...	--	12	.04	.04	.05	.04	.01	60	--	--
05...	--	12	.02	.04	.05	.04	.01	10	--	--
05...	--	12	.09	.02	.24	.02	.01	8	--	--
05...	--	9.6	.34	.38	.07	.02	.01	15	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
LEON COUNTY

DATE	DISSOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITROGEN (N) (MG/L) (00610)	TOTAL ORGANIC NITROGEN (N) (MG/L) (00605)	TOTAL PHOSPHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOSPHORUS (P) (MG/L) (70507)	TURBIDITY (JTU) (00070)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
302314084191502 - USGS LS28 (LAT 30 23 14 LONG 084 19 15.02)										
JUN , 1976										
08...	7.9	13	.01	.01	.04	.25	.02	240	.6	1.0
302315084192801 - USGS LS 21 (LAT 30 23 15 LONG 084 19 28.01)										
OCT , 1975										
07...	--	4.0	.01	.35	.01	.04	.03	6	--	--
JAN , 1976										
29...	7.9	1.9	.06	.14	.01	.05	.05	4	--	--
MAY										
12...	--	3.8	.01	.40	.00	.05	--	--	--	--
AUG										
31...	--	5.0	.02	.28	.00	.05	--	--	--	--
302319084220601 - USGS LS24 (LAT 30 23 19 LONG 084 22 06.01)										
OCT , 1975										
10...	8.3	.00	.00	.01	.01	.02	.01	3	--	.0
JAN , 1976										
29...	8.2	.01	.00	.01	.01	.04	.04	3	--	--
MAY										
27...	--	.00	.00	.02	.07	.04	--	--	.0	1.0
302321084171601 - JOHNSON (LAT 30 23 21 LONG 084 17 16.01)										
OCT , 1975										
15...	--	.33	.00	.02	.00	.04	.04	2	--	--
JAN , 1976										
07...	--	.49	.01	.02	.00	.03	.04	2	--	--
MAY										
13...	--	.44	.00	.01	.00	.04	--	--	--	--
SEP										
13...	--	.42	.00	.01	.00	.04	--	--	--	--
302322084193601 - USGS LS 7 (LAT 30 23 22 LONG 084 19 36.01)										
OCT , 1975										
10...	--	.74	.01	.03	.06	.02	.01	20	--	--
302324084175701 - JONES (LAT 30 23 24 LONG 084 17 57.01)										
JAN , 1976										
07...	--	.39	.01	.01	.04	.02	.02	4	--	--
302337084211301 - BETTY KELLY (LAT 30 23 37 LONG 084 21 13.01)										
JAN , 1976										
22...	6.1	.22	.02	.02	.00	.02	.02	1	--	--
JUN										
18...	--	.16	.00	.04	.00	.03	--	--	--	--
SEP										
16...	--	.18	.00	.01	.00	.02	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
LEON COUNTY

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO- GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO- GEN (N) (MG/L) (00605)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	TUR- BID- ITY (JTU) (00070)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
302341084165701 - FOURSQUARE CHURCH (LAT 30 23 41 LONG 084 16 57.01)										
OCT . 1975 15...	--	1.5	.00	.02	.05	.02	.01	2	--	--
JAN . 1976 09...	--	1.2	.01	.02	.00	.02	.02	2	--	--
MAY 13...	--	.94	.00	.01	.00	.02	--	--	--	--
SEP 13...	--	1.1	.00	.01	.00	.03	--	--	--	--
302418084195501 - WILSON (LAT 30 24 18 LONG 084 19 55.01)										
JAN . 1976 07...	--	.82	.01	.02	.00	.09	.03	1	--	--
302513084161001 - TALLAHASSEE WELL 12 (LAT 30 25 13 LONG 084 16 10.01)										
AUG . 1976 13...	11	.34	.00	--	--	--	--	--	--	--
302722084184101 - TALLAHASSEE WELL NO 13 (LAT 30 27 22 LONG 084 18 41.01)										
JAN . 1976 08...	13	.39	.01	.02	--	--	--	--	--	--
LEVY COUNTY										
290118082364101 - 901236-- 17S17E05 344 CE-70 (LAT 29 01 18 LONG 082 36 41.01)										
MAY . 1976 25...	--	.00	.00	.16	.35	.07	.07	60	--	40
SEP 28...	--	.01	.01	.22	.21	.14	.06	55	--	14
292713082374501 - BRONSON 703 MAIN ST WELL (LAT 29 27 13 LONG 082 37 45.01)										
FEB . 1976 19...	4.0	.75	.00	.01	--	--	--	--	--	--
AUG 24...	6.2	.67	.00	--	--	--	--	--	--	--
LIBERTY COUNTY										
302602084585701 - BRISTOL WELL NO 2 (LAT 30 26 02 LONG 084 58 57.01)										
AUG . 1976 10...	14	.00	.00	--	--	--	--	--	--	--
MADISON COUNTY										
302821082245601 - MADISON SR 53 CURVE WELL (LAT 30 28 21 LONG 083 25 00.01)										
AUG . 1976 26...	8.8	.18	.01	--	--	--	--	--	--	--
OKALOOSA COUNTY										
302726086364801 - FT WALTON BEACH WELL 7 N (LAT 30 27 26 LONG 086 36 48.01)										
AUG . 1976 16...	14	.00	.00	--	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
OKALOOSA COUNTY

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
303113086291-01 - NICEVILLE CITY WELL NO 1 (LAT 30 31 13 LONG 086 29 15.01)										
AUG , 1976										
16...	13	.00	.00	--	--	--	--	--	--	--
304537086340601 - CRESTVIEW NO 1 (LAT 30 45 37 LONG 086 34 06.01)										
AUG , 1976										
16...	13	.00	.00	--	--	--	--	--	--	--
SANTA ROSA COUNTY										
303357087063801 - STANDBY INJ WELL AMER CY (LAT 30 33 57 LONG 087 06 38.01)										
OCT , 1975										
16...	--	.00	.00	9.1	.65	.01	.00	35	--	--
NOV										
19...	--	.02	.01	8.7	.40	.03	.01	45	--	--
DEC										
17...	--	.03	.02	8.6	.40	.03	.01	20	--	--
JAN , 1976										
21...	15	.03	.02	8.5	.35	.01	.01	15	--	--
MAR										
21...	--	.00	.00	6.2	.20	.01	.01	40	--	--
APR										
28...	--	.00	.00	6.8	.55	.01	.00	20	--	--
MAY										
19...	--	.00	.00	6.2	.20	.01	.01	30	--	--
JUN										
25...	--	.00	.00	6.2	.10	.02	.00	35	--	--
JUL										
21...	17	.00	.00	6.0	.20	.01	.01	30	--	--
AUG										
19...	--	.00	.00	6.2	.27	.03	.02	30	--	--
SEP										
16...	--	.00	.01	6.4	1.1	.02	.01	15	--	--
303405087064601 - DEEP TEST-MONITOR WELL AMER CYANAMID (LAT 30 34 05 LONG 087 06 46.01)										
OCT , 1975										
16...	--	.00	.00	3.9	.10	.01	.00	30	--	--
NOV										
19...	--	.02	.01	4.6	.25	.02	.01	35	--	--
DEC										
15...	--	.04	.02	4.2	.45	.04	.02	30	--	--
JAN , 1976										
21...	13	.04	.02	4.3	.85	.02	.01	35	--	--
FEB										
26...	--	.00	.01	4.4	1.8	.01	.01	25	--	--
MAR										
20...	--	.00	.00	4.8	3.6	.01	.00	25	--	--
APR										
28...	16	.00	.00	4.9	5.1	.02	.01	25	--	--
MAY										
13...	18	.00	.00	5.0	12	.04	.02	35	--	--
13...	--	.00	.00	4.8	12	.02	.01	25	--	--
13...	--	.00	.00	4.6	7.7	.02	.01	20	--	--
13...	16	.00	.00	4.7	7.4	.01	.01	20	--	--
JUN										
24...	--	.01	.00	4.5	12	.03	.02	40	--	--
JUL										
21...	18	.00	.00	4.5	14	.01	.01	30	--	--
AUG										
19...	--	.00	.00	4.7	15	.03	.02	25	--	--
SEP										
16...	--	.00	.01	4.6	16	.06	.04	25	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
SANTA ROSA COUNTY

303413087063802 - SHALLOW MONITOR AMER CY (LAT 30 34 13 LONG 087 06 38.02)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT . 1975 15...	--	.00	.01	.94	.28	.09	.08	5	--	--
NOV 18...	--	.01	.02	1.2	.37	.08	.08	6	--	--
DEC 15...	--	.02	.03	1.0	.32	.11	.09	6	--	--
JAN . 1976 20...	12	.03	.03	1.2	.42	.08	.08	6	--	--
FEB 26...	--	.00	.01	1.0	.23	.08	.08	7	--	--
MAR 20...	--	.00	.01	1.1	.33	.09	.09	3	--	--
APR 27...	--	.00	.01	1.1	.24	.08	.08	3	--	--
MAY 18...	--	.00	.00	1.0	.18	.08	.08	4	--	--
JUN 24...	--	.00	.01	1.0	.17	.09	.09	2	--	--
JUL 21...	14	.00	.01	.94	.27	.09	.09	2	--	--
AUG 18...	--	.00	.01	1.0	.17	.09	.08	3	--	--
SEP 15...	--	.00	.01	.99	.08	.09	.09	3	--	--

303514087054801 - DEEP MONITOR NORTH AM CY (LAT 30 35 14 LONG 087 05 48.01)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT . 1975 16...	--	.00	.00	2.6	.28	.02	.02	4	--	--
NOV 19...	--	.02	.01	2.9	.22	.02	.02	3	--	--
DEC 17...	--	.03	.02	2.7	.12	.03	.03	4	--	--
JAN . 1976 20...	18	.01	.01	2.8	.16	.02	.02	5	--	--
FEB 26...	--	.00	.00	2.7	.16	.02	.02	4	--	--
MAR 21...	--	.00	.00	2.8	.04	.02	.02	3	--	--
APR 27...	--	.00	.00	3.1	.10	.02	.02	3	--	--
MAY 19...	--	.00	.00	2.9	.06	.03	.03	3	--	--
JUN 24...	--	.00	.00	2.7	.17	.03	.03	3	--	--
JUL 20...	19	.00	.00	2.7	.00	.02	.02	2	--	--
AUG 19...	--	.00	.00	2.8	.00	.04	.02	2	--	--
SEP 15...	--	.00	.01	2.9	.07	.02	.01	2	--	--

303834087024801 - MILTON BYROM ST WELL 4 (LAT 30 38 34 LONG 087 02 48.01)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
AUG . 1976 30...	6.4	.50	.00	--	--	--	--	--	--	--

SUWANNEE COUNTY

301742082582901 - LIVE OAK NO 5 BRYSON ST (LAT 30 17 42 LONG 082 58 29.01)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
FEB . 1976 18...	6.8	.39	.00	.01	--	--	--	--	--	--
SEP 01...	17	.00	.00	--	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
NUTRIENTS AND RELATED CONSTITUENTS
TAYLOR COUNTY

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	TOTAL NITRATE (N) (MG/L) (00620)	TOTAL NITRITE (N) (MG/L) (00615)	TOTAL AMMONIA NITRO-GEN (N) (MG/L) (00610)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L) (70507)	TUR-BID-ITY (JTU) (00070)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L) (00310)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
300710083350501 - PERRY NO 3 WELL (LAT 30 07 10 LONG 083 35 05.01)										
AUG • 1976 26...	6.3	.00	.01	--	--	--	--	--	--	--
UNION COUNTY										
300107082204501 - LAKE BUTLER 4TH ST WELL (LAT 30 01 07 LONG 082 20 45.01)										
AUG • 1976 23...	20	.01	.00	--	--	--	--	--	--	--
300108082204301 - U-3 (LAT 30 01 08 LONG 082 20 43.01)										
FEB • 1976 19...	13	.01	.00	.07	--	--	--	--	--	--
WAKULLA COUNTY										
301028084223802 - CRAWFORDVILLE 6 IN WELL (LAT 30 10 28 LONG 084 22 38.02)										
MAR • 1976 15...	8.5	.00	.01	.02	--	--	--	--	--	--
AUG 13...	8.2	.00	.00	--	--	--	--	--	--	--
301301084190201 - HUGH MCCALLISTER (LAT 30 13 01 LONG 084 19 02.01)										
OCT • 1975 16...	--	3.2	.00	.02	.01	.02	.01	1	--	--
SEP • 1976 15...	--	--	.00	.01	.00	.06	--	--	--	--
301507084192801 - BETHEL CHURCH (LAT 30 15 07 LONG 084 19 28.01)										
OCT • 1975 16...	--	.56	.00	.02	.00	.02	.01	1	--	--
SEP • 1976 15...	--	.94	.00	.01	.00	.01	--	--	--	--
WALTON COUNTY										
304310086070601 - CITY OF DEFUNIAK (LAT 30 43 10 LONG 086 07 06.01)										
AUG • 1976 17...	9.0	.48	.00	--	--	--	--	--	--	--
WASHINGTON COUNTY										
304652085321401 - CHIPLEY CITY WELL NO 2 (LAT 30 46 52 LONG 085 32 14.01)										
AUG • 1976 17...	7.8	.30	.00	--	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS

Trace Metals

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS
ALACHUA COUNTY

DATE	TOTAL ALUM-INUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DIS-SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN-GANESE (MN) (UG/L) (01055)	TOTAL ARSENIC (AS) (UG/L) (01002)	TOTAL CAD-MIUM (CD) (UG/L) (01027)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	TOTAL LEAD (PB) (UG/L) (01051)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
294209082173101 - 942217 09S20E15 443 NO 7 GAINESVILLE (LAT 29 42 09 LONG 082 17 31.01)												
AUG , 1976												
25...	--	--	--	--	0	2	30	19	.0	0	--	--
25...	--	--	--	--	0	0	20	1	.2	0	--	--
BAKER COUNTY												
301708082073901 - MCCLENNY OHIO ST LAB WELL (LAT 30 17 08 LONG 082 07 39.01)												
AUG , 1976												
23...	--	--	--	--	0	1	30	6	.1	0	--	--
CALHOUN COUNTY												
302640085031101 - BLOUNTSTOWN WELL NO.2 (LAT 30 26 40 LONG 085 03 11.01)												
AUG , 1976												
27...	--	--	--	--	0	3	<10	19	.0	0	--	--
COLUMBIA COUNTY												
301108082372401 - LAKE CITY WELL NO. 2 (LAT 30 11 08 LONG 082 37 24.01)												
SEP , 1976												
01...	--	--	--	--	1	2	20	16	.0	1	--	--
DIXIE COUNTY												
293815083073301 - CROSS CITY WATER PLANT (LAT 29 38 15 LONG 083 07 33.01)												
AUG , 1976												
24...	--	--	--	--	15	1	20	25	.1	0	--	--
ESCAMBIA COUNTY												
302514087140301 - PENS. WEST PLANT I&CERV. (LAT 30 25 14 LONG 087 14 03.01)												
AUG , 1976												
30...	--	--	--	--	0	0	10	8	.2	0	--	--
302523087125601 - PENS.6-DESOTO AT L&NRR (LAT 30 25 23 LONG 087 12 56.01)												
AUG , 1976												
05...	50	--	20	30	0	2	20	2	.1	0	90	--
302535087125701 - PENS.8-L&NRR AT LLOYD ST (LAT 30 25 35 LONG 087 12 57.01)												
AUG , 1976												
05...	40	--	20	40	0	1	20	4	.1	0	180	--
302555087122702 - PENS.EAST PLT-10TH&MLLRY (LAT 30 25 55 LONG 087 12 27.02)												
AUG , 1976												
05...	300	--	20	30	0	0	30	3	.2	0	170	--
302602087130701 - PENS.WELL 9-JRDN & L&NRR (LAT 30 26 02 LONG 087 13 07.01)												
AUG , 1976												
05...	60	--	0	50	0	2	20	6	.2	0	460	--
302837087105301 - PENS.AIRPORT NORTH (LAT 30 28 37 LONG 087 10 53.01)												
AUG , 1976												
06...	40	--	50	10	0	0	20	12	.1	0	10	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS
ESCAMBIA COUNTY

DATE	TOTAL ALUM-INUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DIS-SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN-GANESE (MN) (UG/L) (01055)	TOTAL ARSENIC (AS) (UG/L) (01002)	TOTAL CAD-MIUM (CD) (UG/L) (01027)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	TOTAL LEAD (PB) (UG/L) (01051)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
303015087192001 - PENS.DUNAWAY,8-MI CHK RD. (LAT 30 30 15 LONG 087 19 20.01)												
AUG , 1976 05...	60	--	150	30	0	2	20	11	.0	0	40	--
303313087140002 - USGS TH98A (LAT 30 33 18 LONG 087 13 48.02)												
MAR , 1976 12...	--	--	40	--	0	--	--	--	--	--	--	150
JUN 02...	--	130	--	--	--	--	--	--	--	--	--	--
AUG 04...	--	250	--	--	--	--	--	--	--	--	--	--
303327087135401 - USGS TH101,S.H.NE GATE (LAT 30 33 33 LONG 087 13 41.01)												
MAR , 1976 10...	--	--	20	--	0	--	--	--	--	--	--	20
JUN 03...	--	0	--	--	--	--	--	--	--	--	--	--
AUG 03...	--	10	--	--	--	--	--	--	--	--	--	--
303327087135402 - USGS TH101A,S.H. NE GATE (LAT 30 33 33 LONG 087 13 41.02)												
MAR , 1976 10...	--	--	130	--	0	--	--	--	--	--	--	1100
JUN 03...	--	500	--	--	--	--	--	--	--	--	--	--
AUG 03...	--	870	--	--	--	--	--	--	--	--	--	--
303331087135803 - USGS TH102B S.H.N.LAGOON (LAT 30 33 37 LONG 087 13 45.03)												
MAR , 1976 11...	--	--	80	--	0	--	--	--	--	--	--	230
JUN [illegible]...	--	0	--	--	--	--	--	--	--	--	--	--
AUG 03...	--	50	--	--	--	--	--	--	--	--	--	--
303348087141001 - PENS.S.H.SEWAGE 99 N.MON (LAT 30 34 07 LONG 087 14 15.01)												
MAR , 1976 11...	--	--	0	--	0	--	--	--	--	--	--	10
JUN 02...	--	0	--	--	--	--	--	--	--	--	--	--
AUG 04...	--	50	--	--	--	--	--	--	--	--	--	--
303417087141701 - SOUTH MONITOR (LAT 30 34 17 LONG 087 14 17.01)												
MAR , 1976 20...	--	--	1500	--	--	--	--	--	--	--	--	10
SEP 14...	--	--	1100	--	--	--	--	--	--	--	--	10

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS
ESCAMBIA COUNTY

DATE	TOTAL ALUMINUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DISSOLVED IRON (FE) (UG/L) (01046)	TOTAL MANGANESE (MN) (UG/L) (01055)	TOTAL ARSENIC (AS) (UG/L) (01002)	TOTAL CADMIUM (CD) (UG/L) (01027)	TOTAL CHROMIUM (CR) (UG/L) (01034)	TOTAL LEAD (PB) (UG/L) (01051)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL SELENIUM (SE) (UG/L) (01147)	TOTAL ZINC (ZN) (UG/L) (01092)	DISSOLVED ZINC (ZN) (UG/L) (01090)
303538087145501 - SHALLOW MONITOR (LAT 30 35 38 LONG 087 14 55.01)												
MAR , 1976 19...	--	--	0	--	--	--	--	--	--	--	--	0
SEP 14...	--	--	40	--	--	--	--	--	--	--	--	10
303657087154301 - NORTH MONITOR (LAT 30 36 57 LONG 087 15 43.01)												
NOV , 1975 17...	--	--	590	--	--	--	--	--	--	--	--	10
MAR , 1976 19...	--	--	590	--	--	--	--	--	--	--	--	0
SEP 14...	--	--	370	--	--	--	--	--	--	--	--	10
FRANKLIN COUNTY												
294339084591901 - APALACHICOLA WELL NO 1 (LAT 29 43 39 LONG 084 59 19.01)												
AUG , 1976 19...	--	--	--	--	0	2	30	15	.0	0	--	--
GADSDEN COUNTY												
302938084255801 - FLETCHER TRACTOR CO (LAT 30 29 38 LONG 084 25 58.01)												
JUN , 1976 02...	--	--	0	--	--	--	--	--	--	--	--	360
303246084421701 - PINECREST S/D (LAT 30 32 46 LONG 084 42 17.01)												
APR , 1976 23...	--	110	--	--	--	--	<10	--	--	--	--	--
303254084381801 - R D MCBRIDE (LAT 30 32 54 LONG 084 38 18.01)												
AUG , 1976 18...	--	--	30	--	--	--	--	--	--	--	--	10
303418084444701 - GREENSBORO WELL NO 3 (LAT 30 34 18 LONG 084 44 47.01)												
AUG , 1976 19...	--	--	100	--	--	--	--	--	--	--	--	20
303433084234001 - OCHLOCKONEE R.EST.NO.2 (LAT 30 34 33 LONG 084 23 40.01)												
JUN , 1976 03...	--	100	--	--	--	--	<10	--	--	--	--	40
303434084233701 - OCHLOCKONEE R. EST.NO.1 (LAT 30 34 34 LONG 084 23 37.01)												
JUN , 1976 03...	--	1800	--	--	--	--	<10	--	--	--	--	30
303539084275601 - LAKE TALLAVANA NO.1 (LAT 30 35 39 LONG 084 27 56.01)												
JUL , 1976 09...	--	1100	--	--	--	--	<10	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS
GADSDEN COUNTY

DATE	TOTAL ALUM-INUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DIS-SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN-GANESE (MN) (UG/L) (01055)	TOTAL ARSENIC (AS) (UG/L) (01002)	TOTAL CAD-MIUM (CD) (UG/L) (01027)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	TOTAL LEAD (PB) (UG/L) (01051)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
303554084344801 - CITY OF QUINCY NO. 2 (LAT 30 35 54 LONG 084 34 48.01)												
APR • 1976 10...	--	--	0	--	--	--	--	--	--	--	--	0
AUG 11...	--	--	--	--	1	1	30	8	.0	0	--	--
303659084392901 - GRETNA NO 1 (LAT 30 36 59 LONG 084 39 29.01)												
JUN • 1976 14...	--	--	20	--	--	--	--	--	--	--	--	20
303927084244001 - HINSON HEIGHTS (LAT 30 39 27 LONG 084 24 40.01)												
JUN • 1976 03...	--	90	--	--	--	--	<10	--	--	--	--	50
GILCHRIST COUNTY												
293653082493202 - 936249220A 10S15E16 14- CITY OF TRENTON E. WELL (LAT 29 36 53 LONG 082 49 32.02)												
AUG • 1976 23...	--	--	--	--	0	1	20	9	.0	0	--	--
GULF COUNTY												
300642085115001 - WEWAHITCHKA LK G RD WELL (LAT 30 06 42 LONG 085 11 50.01)												
AUG • 1976 27...	--	--	--	--	0	2	<10	13	.0	0	--	--
HAMILTON COUNTY												
303123082564201 - JASPER WELL NO.3 (LAT 30 31 23 LONG 082 56 42.01)												
SEP • 1976 01...	--	--	--	--	4	4	10	27	.0	0	--	--
HOLMES COUNTY												
304710085410801 - BONIFAY MCGEE RD WELL (LAT 30 47 10 LONG 085 41 08.01)												
AUG • 1976 17...	--	--	--	--	1	2	10	14	.0	0	--	--
JACKSON COUNTY												
304633085131601 - MARIANNA WELL NO. 5 (LAT 30 46 33 LONG 085 13 16.01)												
AUG • 1976 27...	--	--	--	--	1	3	<10	21	.0	0	--	--
JEFFERSON COUNTY												
303254083520901 - MONTICELLO CITY WELL (LAT 30 32 54 LONG 083 52 09.01)												
AUG • 1976 12...	--	--	--	--	1	1	20	16	.0	0	--	--
LAFAYETTE COUNTY												
300334083101801 - MAYO WELL SR 51 + PASCO (LAT 30 03 34 LONG 083 10 18.01)												
AUG • 1976 26...	--	--	--	--	1	0	10	0	.0	1	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS
LEON COUNTY

DATE	TOTAL ALUM-INUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DIS-SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN-GANESE (MN) (UG/L) (01055)	TOTAL ARSENIC (AS) (UG/L) (01002)	TOTAL CAD-MIUM (CD) (UG/L) (01027)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	TOTAL LEAD (PB) (UG/L) (01051)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
302233084194101 - USGS LS 5 (LAT 30 22 56 LONG 084 19 35.01)												
JAN , 1976 28...	--	640	--	0	0	1	--	5	.0	--	10	--
302257084191101 - USGS LS26 (LAT 30 22 57 LONG 084 19 11.01)												
FEB , 1976 04...	--	1100	--	0	1	1	--	3	.0	--	20	--
302303084190901 - USGS LS25 (LAT 30 23 03 LONG 084 19 09.01)												
FEB , 1976 04...	--	1500	--	10	0	1	--	7	.1	--	0	--
302313084191301 - USGS LS 1 (LAT 30 23 13 LONG 084 19 13.01)												
JAN , 1976 28...	--	250	--	0	0	2	--	17	.0	--	30	--
JUN 08...	40	30	0	0	0	0	10	0	.0	0	50	--
302314084191502 - USGS LS28 (LAT 30 23 14 LONG 084 19 15.02)												
JUN , 1976 08...	320	850	0	10	1	1	10	6	.0	0	10	--
302319084220601 - USGS LS24 (LAT 30 23 19 LONG 084 22 06.01)												
JAN , 1976 29...	--	430	--	10	2	2	--	14	.0	--	20	--
MAY 27...	0	310	--	<10	2	0	<10	4	.0	0	10	--
302337084211301 - BETTY KELLY (LAT 30 23 37 LONG 084 21 13.01)												
JAN , 1976 22...	--	20	--	0	1	2	--	25	.0	--	50	--
302513084161001 - TALLAHASSEE WELL 12 (LAT 30 25 13 LONG 084 16 10.01)												
AUG , 1976 13...	--	--	--	--	1	0	20	10	.0	0	--	--
302602084230501 - TOWERS EAST WELL (LAT 30 26 02 LONG 084 23 05.01)												
JUL , 1976 09...	--	<50	--	--	--	--	<10	--	--	--	--	40
302612084261401 - WHISPERING PINES (LAT 30 26 12 LONG 084 26 14.01)												
JUL , 1976 09...	--	90	--	--	--	--	<10	--	--	--	--	30

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS
LEON COUNTY

DATE	TOTAL ALUMINUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DISSOLVED IRON (FE) (UG/L) (01046)	TOTAL MANGANESE (MN) (UG/L) (01055)	TOTAL ARSENIC (AS) (UG/L) (01002)	TOTAL CADMIUM (CD) (UG/L) (01027)	TOTAL CHROMIUM (CR) (UG/L) (01034)	TOTAL LEAD (PB) (UG/L) (01051)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL SELENIUM (SE) (UG/L) (01147)	TOTAL ZINC (ZN) (UG/L) (01092)	DISSOLVED ZINC (ZN) (UG/L) (01090)
302616084231201 - TOWERS WEST WELL (LAT 30 26 16 LONG 084 23 12.01)												
JUL , 1976 09...	--	70	--	--	--	--	<10	--	--	--	--	30
302616084242401 - PONDEROSA EAST WELL (LAT 30 26 16 LONG 084 24 24.01)												
JUL , 1976 09...	--	70	--	--	--	--	<10	--	--	--	--	30
302633084243201 - PONDEROSA WEST WELL (LAT 30 26 33 LONG 084 24 32.01)												
JUL , 1976 09...	--	2100	--	--	--	--	11	--	--	--	--	80
302711084204801 - BURGESS CIR (LAT 30 27 11 LONG 084 20 48.01)												
JUL , 1976 09...	--	320	--	--	--	--	<10	--	--	--	--	60
302716084204801 - DRAKE-BURGESS NO.2 (LAT 30 27 16 LONG 084 20 48.01)												
JUL , 1976 09...	--	1200	--	--	--	--	<10	--	--	--	--	70
302830084205001 - ASTORIA COURT (LAT 30 28 30 LONG 084 20 50.01)												
JUL , 1976 09...	--	60	--	--	--	--	<10	--	--	--	--	50
303015084195201 - RUNNYMEADE TEC (LAT 30 30 15 LONG 084 19 52.01)												
APR , 1976 21...	--	150	--	--	--	--	<10	--	--	--	--	--
303032084195501 - LAKE FOREST TEC (LAT 30 30 32 LONG 084 19 55.01)												
APR , 1976 21...	--	20	--	--	--	--	<10	--	--	--	--	--
303042084202201 - L.JACKSON HGHTS-LONGVIEW (LAT 30 30 42 LONG 084 20 22.01)												
APR , 1976 21...	--	20	--	--	--	--	<10	--	--	--	--	--
303045084192501 - HARWOOD (LAT 30 30 45 LONG 084 19 25.01)												
APR , 1976 21...	--	20	--	--	--	--	<10	--	--	--	--	--
303108084193101 - GREENWOOD TEC (LAT 30 31 08 LONG 084 19 31.01)												
APR , 1976 21...	--	80	--	--	--	--	<10	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS
LEON COUNTY

DATE	TOTAL ALUM-INUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DIS-SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN-GANESE (MN) (UG/L) (01055)	TOTAL ARSENIC (AS) (UG/L) (01002)	TOTAL CAD-MIUM (CD) (UG/L) (01027)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	TOTAL LEAD (PB) (UG/L) (01051)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
303112084220701 - LAKEWOOD BUSINESS CTR (LAT 30 31 12 LONG 084 22 07.01)												
JUL • 1976 09...	--	300	--	--	--	--	<10	--	--	--	--	30
303439084213701 - COUNTRY MANOR (LAT 30 34 39 LONG 084 21 37.01)												
APR • 1976 23...	--	20	--	--	--	--	<10	--	--	--	--	--
303453084132001 - KILLEARN LAKES (LAT 30 34 53 LONG 084 13 20.01)												
APR • 1976 23...	--	20	--	--	--	--	<10	--	--	--	--	--
LEVY COUNTY												
292713082374501 - BRONSON 703 MAIN ST WELL (LAT 29 27 13 LONG 082 37 45.01)												
AUG • 1976 24...	--	--	--	--	0	2	30	15	.1	0	--	--
302303084391801 - ED/BERNICES FISH CAMP (LAT 30 23 03 LONG 084 39 18.01)												
JUN • 1976 03...	--	--	70	--	--	--	--	--	--	--	--	10
LIBERTY COUNTY												
302602084585701 - BRISTOL WELL NO 2 (LAT 30 26 02 LONG 084 58 57.01)												
AUG • 1976 10...	--	--	--	--	0	0	30	5	.1	0	--	--
302650084581001 - SCHOOL ANNEX WELL (LAT 30 26 50 LONG 084 58 10.01)												
JUN • 1976 03...	--	--	10	--	--	--	--	--	--	--	--	10
MADISON COUNTY												
302821082245601 - MADISON SR 53 CURVE WELL (LAT 30 28 21 LONG 083 25 00.01)												
AUG • 1976 26...	--	--	--	--	1	0	10	8	.0	0	--	--
OKALOOSA COUNTY												
302726086364801 - FT WALTON BEACH WELL 7 N (LAT 30 27 26 LONG 086 36 48.01)												
AUG • 1976 16...	--	--	--	--	0	0	20	8	.0	0	--	--
303113086291501 - NICEVILLE CITY WELL NO 1 (LAT 30 31 13 LONG 086 29 15.01)												
AUG • 1976 16...	--	--	--	--	0	0	<10	8	.1	0	--	--
304537086340601 - CRESTVIEW NO 1 (LAT 30 45 37 LONG 086 34 06.01)												
AUG • 1976 16...	--	--	--	--	2	0	10	23	.6	0	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS
SANTA ROSA COUNTY

DATE	TOTAL ALUMINUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DISSOLVED IRON (FE) (UG/L) (01046)	TOTAL MANGANESE (MN) (UG/L) (01055)	TOTAL ARSENIC (AS) (UG/L) (01002)	TOTAL CADMIUM (CD) (UG/L) (01027)	TOTAL CHROMIUM (CR) (UG/L) (01034)	TOTAL LEAD (PB) (UG/L) (01051)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL SELENIUM (SE) (UG/L) (01147)	TOTAL ZINC (ZN) (UG/L) (01092)	DISSOLVED ZINC (ZN) (UG/L) (01090)
303357087063801 - STANDBY INJ WELL AMER CY (LAT 30 33 57 LONG 087 06 38.01)												
JAN , 1976 21...	--	--	770	--	--	--	--	--	--	--	--	30
JUL 21...	--	--	30	--	--	--	--	--	--	--	--	10
303405087064601 - DEEP TEST-MONITOR WELL AMER CYANAMID (LAT 30 34 05 LONG 087 06 46.01)												
JAN , 1976 21...	--	--	2400	--	--	--	--	--	--	--	--	20
APR 28...	--	--	710	--	--	--	--	--	--	--	--	0
MAY 13...	--	--	2000	--	--	--	--	--	--	--	--	10
13...	--	--	1000	--	--	--	--	--	--	--	--	0
JUL 21...	--	--	930	--	--	--	--	--	--	--	--	10
303413087063802 - SHALLOW MONITOR AMER CY (LAT 30 34 13 LONG 087 06 38.02)												
JAN , 1976 20...	--	--	160	--	--	--	--	--	--	--	--	10
JUL 21...	--	--	130	--	--	--	--	--	--	--	--	10
303514087054801 - DEEP MONITOR NORTH AM CY (LAT 30 35 14 LONG 087 05 48.01)												
JAN , 1976 20...	--	--	100	--	--	--	--	--	--	--	--	20
JUL 20...	--	--	130	--	--	--	--	--	--	--	--	0
303834087024801 - MILTON BYROM ST WELL 4 (LAT 30 38 34 LONG 087 02 48.01)												
AUG , 1976 30...	--	--	--	--	0	4	<10	14	.0	0	--	--
SUWANNEE COUNTY												
301742082582901 - LIVE OAK NO 5 BRYSON ST (LAT 30 17 42 LONG 082 58 29.01)												
SEP , 1976 01...	--	--	--	--	1	0	20	10	.0	0	--	--
TAYLOR COUNTY												
300710083350501 - PERRY NO 3 WELL (LAT 30 07 10 LONG 083 35 05.01)												
AUG , 1976 26...	--	--	--	--	1	0	<10	7	.0	0	--	--
UNION COUNTY												
300107082204501 - LAKE BUTLER 4TH ST WELL (LAT 30 01 07 LONG 082 20 45.01)												
AUG , 1976 23...	--	--	--	--	0	1	20	5	.0	0	--	--
WAKULLA COUNTY												
300343084293001 - TOWN OF SOPCHOPPY (LAT 30 03 43 LONG 084 29 30.01)												
AUG , 1976 12...	--	--	70	--	--	--	--	--	--	--	--	10

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
TRACE METALS
WAKULLA COUNTY

DATE	TOTAL ALUM-INUM (AL) (UG/L) (01105)	TOTAL IRON (FE) (UG/L) (01045)	DIS-SOLVED IRON (FE) (UG/L) (01046)	TOTAL MAN-GANESE (MN) (UG/L) (01055)	TOTAL ARSENIC (AS) (UG/L) (01002)	TOTAL CAD-MIUM (CD) (UG/L) (01027)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	TOTAL LEAD (PB) (UG/L) (01051)	TOTAL MERCURY (HG) (UG/L) (71900)	TOTAL SELE-NIUM (SE) (UG/L) (01147)	TOTAL ZINC (ZN) (UG/L) (01092)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
301028084223802 - CRAWFORDVILLE 6 IN WELL (LAT 30 10 28 LONG 084 22 38.02)												
AUG • 1976 13...	--	--	--	--	1	2	30	12	.1	0	--	--
WALTON COUNTY												
304310086070601 - CITY OF DEFUNIAK (LAT 30 43 10 LONG 086 07 06.01)												
AUG • 1976 17...	--	--	--	--	1	1	10	9	.1	0	--	--
WASHINGTON COUNTY												
304652085321401 - CHIPLEY CITY WELL NO 2 (LAT 30 46 52 LONG 085 32 14.01)												
AUG • 1976 17...	--	--	--	--	1	2	10	8	.0	0	--	--

GROUND WATER QUALITY RECORDS

Pesticides in Water

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER
ALACHUA COUNTY

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA-CHLOR (UG/L) (39410)
294209082173101 - 942217 09S20E15 443 NO 7 GAINESVILLE (LAT 29 42 09 LONG 082 17 31.01)								
AUG • 1976								
25...	.00	.0	.00	.00	.00	.00	.00	.00
25...	.00	.0	.00	.00	.00	.00	.00	.00
BAKER COUNTY								
301708082073901 - MCCLENNY OHIO ST LAB WELL (LAT 30 17 08 LONG 082 07 39.01)								
AUG • 1976								
23...	.00	.0	.00	.00	.00	.00	.00	.00
CALHOUN COUNTY								
302640085031101 - BLOUNTSTOWN WELL NO.2 (LAT 30 26 40 LONG 085 03 11.01)								
AUG • 1976								
27...	.00	.0	.00	.00	.00	.00	.00	.00
COLUMBIA COUNTY								
301108082372401 - LAKE CITY WELL NO. 2 (LAT 30 11 08 LONG 082 37 24.01)								
SEP • 1976								
01...	.00	.0	.00	.00	.00	.00	.00	.00
DIXIE COUNTY								
293815083073301 - CROSS CITY WATER PLANT (LAT 29 38 15 LONG 083 07 33.01)								
AUG • 1976								
24...	.00	.0	.00	.00	.00	.00	.00	.00
ESCAMBIA COUNTY								
302514087140301 - PENS. WEST PLANT I&CERV. (LAT 30 25 14 LONG 087 14 03.01)								
AUG • 1976								
30...	.00	.0	.00	.00	.00	.00	.00	.00
302523087125601 - PENS.6-DESOTO AT L&NRR (LAT 30 25 23 LONG 087 12 56.01)								
AUG • 1976								
05...	.00	.0	.00	.00	.00	.00	.00	.00
302535087125701 - PENS.8-L&NRR AT LLOYD ST (LAT 30 25 35 LONG 087 12 57.01)								
AUG • 1976								
05...	.00	.0	.00	.00	.00	.01	.00	.00
302555087122702 - PENS.EAST PLT-10TH&MLLRY (LAT 30 25 55 LONG 087 12 27.02)								
AUG • 1976								
05...	.00	.0	.00	.00	.00	.00	.00	.00
302602087130701 - PENS.WELL 9-JRDN & L&NRR (LAT 30 26 02 LONG 087 13 07.01)								
AUG • 1976								
05...	.00	.0	.00	.00	.00	<.01	.00	.00
302837087105301 - PENS.AIRPORT NORTH (LAT 30 28 37 LONG 087 10 53.01)								
AUG • 1976								
06...	.00	.0	.00	.00	.00	.00	.00	.00

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER

ALACHUA COUNTY

294209082173101 - 942217 09S20E15 443 NO 7 GAINESVILLE (LAT 29 42 09 LONG 082 17 31.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
25...	.00	.00	.0	0	.00	.00	.00
25...	.00	.00	.0	0	.00	.00	.00

BAKER COUNTY

301708082073901 - MCCLENNY OHIO ST LAB WELL (LAT 30 17 08 LONG 082 07 39.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
23...	.00	.00	.0	0	.00	.00	.00

CALHOUN COUNTY

302640085031101 - BLOUNTSTOWN WELL NO.2 (LAT 30 26 40 LONG 085 03 11.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
27...	.00	.00	.0	0	.00	.00	.00

COLUMBIA COUNTY

301108082372401 - LAKE CITY WELL NO. 2 (LAT 30 11 08 LONG 082 37 24.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
SEP , 1976							
01...	.00	.00	.0	0	.00	.00	.00

DIXIE COUNTY

293815083073301 - CROSS CITY WATER PLANT (LAT 29 38 15 LONG 083 07 33.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
24...	.00	.00	.0	0	.00	.00	.00

ESCAMBIA COUNTY

302514087140301 - PENS. WEST PLANT I&CERV. (LAT 30 25 14 LONG 087 14 03.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
30...	.00	.00	.0	0	.00	.00	.00

302523087125601 - PENS.6-DESOTO AT L&NRR (LAT 30 25 23 LONG 087 12 56.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
05...	.00	.00	.0	0	.00	.00	.00

302535087125701 - PENS.8-L&NRR AT LLOYD ST (LAT 30 25 35 LONG 087 12 57.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
05...	.00	.00	.0	0	.00	.00	.00

302555087122702 - PENS.EAST PLT-10TH&MLLRY (LAT 30 25 55 LONG 087 12 27.02)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
05...	.00	.00	.0	0	.00	.00	.00

302602087130701 - PENS.WELL 9-JRDN & L&NRR (LAT 30 26 02 LONG 087 13 07.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
05...	.00	.00	.0	0	.00	.00	.00

302837087105301 - PENS.AIRPORT NORTH (LAT 30 28 37 LONG 087 10 53.01)

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCH (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
AUG , 1976							
06...	.00	.00	.0	0	.00	.00	.00

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER
ESCAMBIA COUNTY

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA-CHLOR (UG/L) (39410)
303015087192001 - PENS.DUNAWAY.8-MI CRK RD. (LAT 30 30 15 LONG 087 19 20.01)								
AUG , 1976								
05...	.00	.0	.00	.00	.00	.00	.00	.00
FRANKLIN COUNTY								
294339084591901 - APALACHICOLA WELL NO 1 (LAT 29 43 39 LONG 084 59 19.01)								
AUG , 1976								
19...	.00	.0	.00	.00	.00	.00	.00	.00
GADSDEN COUNTY								
303554084344801 - CITY OF QUINCY NO. 2 (LAT 30 35 54 LONG 084 34 48.01)								
AUG , 1976								
11...	.00	.0	.00	.00	.00	.00	.00	.00
GILCHRIST COUNTY								
293653082493202 - 936249220A 10S15E16 14- CITY OF TRENTON E. WELL (LAT 29 36 53 LONG 082 49 32.02)								
AUG , 1976								
23...	.00	.0	.00	.00	.00	.00	.00	.00
GULF COUNTY								
300642085115001 - WEWAHITCHKA LK G RD WELL (LAT 30 06 42 LONG 085 11 50.01)								
AUG , 1976								
27...	.00	.0	.00	.00	.00	.00	.00	.00
HAMILTON COUNTY								
303123082564201 - JASPER WELL NO.3 (LAT 30 31 23 LONG 082 56 42.01)								
SEP , 1976								
01...	.00	.0	.00	.00	.00	.00	.00	.00
HOLMES COUNTY								
304710085410801 - BONIFAY MCGEE RD WELL (LAT 30 47 10 LONG 085 41 08.01)								
AUG , 1976								
17...	.00	.0	.00	.00	.00	.00	.00	.00
JACKSON COUNTY								
304633085131601 - MARIANNA WELL NO. 5 (LAT 30 46 33 LONG 085 13 16.01)								
AUG , 1976								
27...	.00	.0	.00	.00	.00	.00	.00	.00
JEFFERSON COUNTY								
303254083520901 - MONTICELLO CITY WELL (LAT 30 32 54 LONG 083 52 09.01)								
AUG , 1976								
12...	.00	.0	.00	.00	.00	.00	.00	.00
LAFAYETTE COUNTY								
300334083101801 - MAYO WELL SR 51 , PASCO (LAT 30 03 34 LONG 083 10 18.01)								
AUG , 1976								
26...	.00	.0	.00	.00	.00	.00	.00	.00
LEON COUNTY								
302513084161001 - TALLAHASSEE WELL 12 (LAT 30 25 13 LONG 084 16 10.01)								
AUG , 1976								
13...	.00	.0	.00	.00	.00	.00	.00	.00

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER
ESCAMBIA COUNTY

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCB (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
303015087192001 - PENS.DUNAWAY,8-MI CRK RD. (LAT 30 30 15 LONG 087 19 20.01)							
AUG , 1976 05...	.00	.00	.0	0	.00	.00	.00
FRANKLIN COUNTY							
294339084591901 - APALACHICOLA WELL NO 1 (LAT 29 43 39 LONG 084 59 19.01)							
AUG , 1976 19...	.00	.00	.0	0	.00	.00	.00
GADSDEN COUNTY							
303554084344801 - CITY OF QUINCY NO. 2 (LAT 30 35 54 LONG 084 34 48.01)							
AUG , 1976 11...	.00	.00	.0	0	.00	.00	.00
GILCHRIST COUNTY							
293653082493202 - 936249220A 10S15E16 14- CITY OF TRENTON E. WELL (LAT 29 36 53 LONG 082 49 32.02)							
AUG , 1976 23...	.00	.00	.0	0	.00	.00	.00
GULF COUNTY							
300642085115001 - WEWAHITCHKA LK G RD WELL (LAT 30 06 42 LONG 085 11 50.01)							
AUG , 1976 27...	.00	.00	.0	0	.00	.00	.00
HAMILTON COUNTY							
303123082564201 - JASPER WELL NO.3 (LAT 30 31 23 LONG 082 56 42.01)							
SEP , 1976 01...	.00	.00	.0	0	.00	.00	.00
HOLMES COUNTY							
304710085410801 - BONIFAY MCGEE RD WELL (LAT 30 47 10 LONG 085 41 08.01)							
AUG , 1976 17...	.00	.00	.0	0	.00	.00	.00
JACKSON COUNTY							
304633085131601 - MARIANNA WELL NO. 5 (LAT 30 46 33 LONG 085 13 16.01)							
AUG , 1976 27...	.00	.00	.0	0	.00	.00	.00
JEFFERSON COUNTY							
303254083520901 - MONTICELLO CITY WELL (LAT 30 32 54 LONG 083 52 09.01)							
AUG , 1976 12...	.00	.00	.0	0	.00	.00	.00
LAFAYETTE COUNTY							
300334083101801 - MAYO WELL SR 51 + PASCO (LAT 30 03 34 LONG 083 10 18.01)							
AUG , 1976 26...	.00	.00	.0	0	.00	.00	.00
LEON COUNTY							
302513084161001 - TALLAHASSEE WELL 12 (LAT 30 25 13 LONG 084 16 10.01)							
AUG , 1976 13...	.00	.00	.0	0	.00	.00	.00

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER

LEVY COUNTY

292713082374501 - BRONSON 703 MAIN ST WELL (LAT 29 27 13 LONG 082 37 45.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 24...	--	.0	.00	.00	.00	.00	.00	.00

LIBERTY COUNTY

302602084585701 - BRISTOL WELL NO 2 (LAT 30 26 02 LONG 084 58 57.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 10...	.00	.0	.00	.00	.00	.00	.00	.00

MADISON COUNTY

302821082245601 - MADISON SR 53 CURVE WELL (LAT 30 28 21 LONG 083 25 00.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 26...	.00	.0	.00	.00	.00	.00	.00	.00

OKALOOSA COUNTY

302726086364801 - FT WALTON BEACH WELL 7 N (LAT 30 27 26 LONG 086 36 48.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 16...	.00	.0	.00	.00	.00	.00	.00	.00

303113086291501 - NICEVILLE CITY WELL NO 1 (LAT 30 31 13 LONG 086 29 15.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 16...	.00	.0	.00	.00	.00	.00	.00	.00

304537086340601 - CRESTVIEW NO 1 (LAT 30 45 37 LONG 086 34 06.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 16...	.00	.0	.00	.00	.00	.00	.00	.00

SANTA ROSA COUNTY

303834087024801 - MILTON BYROM ST WELL 4 (LAT 30 38 34 LONG 087 02 48.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 30...	.00	.0	.00	.00	.00	.00	.00	.00

SUWANNEE COUNTY

301742082582901 - LIVE OAK NO 5 BRYSON ST (LAT 30 17 42 LONG 082 58 29.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
SEP , 1976 01...	.00	.0	.00	.00	.00	.00	.00	.00

TAYLOR COUNTY

300710083350501 - PERRY NO 3 WELL (LAT 30 07 10 LONG 083 35 05.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 26...	.00	.0	.00	.00	.00	.00	.00	.00

UNION COUNTY

300107082204501 - LAKE BUTLER 4TH ST WELL (LAT 30 01 07 LONG 082 20 45.01)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 23...	.00	.0	.00	.00	.00	.00	.00	.00

WAKULLA COUNTY

301028084223802 - CRAWFORDVILLE 6 IN WELL (LAT 30 10 28 LONG 084 22 38.02)

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR- DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI- ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA- CHLOR (UG/L) (39410)
AUG , 1976 13...	.00	.0	.00	.00	.00	.00	.00	.00

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER
LEVY COUNTY

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCB (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
292713082374501 - BRONSON 703 MAIN ST WELL (LAT 29 27 13 LONG 082 37 45.01)							
AUG . 1976							
24...	.00	.00	.0	0	.00	.00	.00
LIBERTY COUNTY							
302602084585701 - BRISTOL WELL NO 2 (LAT 30 26 02 LONG 084 58 57.01)							
AUG . 1976							
10...	.00	.00	.0	0	.00	.00	.00
MADISON COUNTY							
302821082245801 - MADISON SR 53 CURVE WELL (LAT 30 28 21 LONG 083 25 00.01)							
AUG . 1976							
26...	.00	.00	.0	0	.00	.00	.00
OKALOOSA COUNTY							
302726086364801 - FT WALTON BEACH WELL 7 N (LAT 30 27 26 LONG 086 36 48.01)							
AUG . 1976							
16...	.00	.00	.0	0	.00	.00	.00
303113086291501 - NICEVILLE CITY WELL NO 1 (LAT 30 31 13 LONG 086 29 15.01)							
AUG . 1976							
16...	.00	.00	.0	0	.00	.00	.00
304537086340601 - CRESTVIEW NO 1 (LAT 30 45 37 LONG 086 34 06.01)							
AUG . 1976							
16...	.00	.00	.0	0	.00	.00	.00
SANTA ROSA COUNTY							
303834087024801 - MILTON BYROM ST WELL 4 (LAT 30 38 34 LONG 087 02 48.01)							
AUG . 1976							
30...	.00	.00	.0	0	.00	.00	.00
SUWANNEE COUNTY							
301742082582901 - LIVE OAK NO 5 BRYSON ST (LAT 30 17 42 LONG 082 58 29.01)							
SEP . 1976							
01...	.00	.00	.0	0	.00	.00	.00
TAYLOR COUNTY							
300710083350501 - PERRY NO 3 WELL (LAT 30 07 10 LONG 083 35 05.01)							
AUG . 1976							
26...	.00	.00	.0	0	.00	.00	.00
UNION COUNTY							
300107082204501 - LAKE BUTLER 4TH ST WELL (LAT 30 01 07 LONG 082 20 45.01)							
AUG . 1976							
23...	.00	.00	.0	0	.00	.00	.00
WAKULLA COUNTY							
301028084223802 - CRAWFORDVILLE 6 IN WELL (LAT 30 10 28 LONG 084 22 38.02)							
AUG . 1976							
13...	.00	.00	.0	0	.00	.00	.00

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER
WALTON COUNTY

DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL HEPTA-CHLOR (UG/L) (39410)
304310086070601 - CITY OF DEFUNIAK (LAT 30 43 10 LONG 086 07 06.01)								
AUG , 1976								
17...	.00	.0	.00	.00	.00	.00	.00	.00
WASHINGTON COUNTY								
304652085321401 - CHIPLEY CITY WELL NO 2 (LAT 30 46 52 LONG 085 32 14.01)								
AUG , 1976								
17...	.00	.0	.00	.00	.00	.00	.00	.00

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
PESTICIDES IN WATER
WALTON COUNTY

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCB (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
304310086070601 - CITY OF DEFUNIAK (LAT 30 43 10 LONG 086 07 06.01)							
AUG , 1976							
17...	.00	.00	.0	0	.00	.00	.00

WASHINGTON COUNTY

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL LINDANE (UG/L) (39340)	TOTAL PCB (UG/L) (39516)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)
304652085321401 - CHIPLEY CITY WELL NO 2 (LAT 30 46 52 LONG 085 32 14.01)							
AUG , 1976							
17...	.00	.00	.0	0	.00	.00	.00

GROUND WATER QUALITY RECORDS

Bacteriological and Miscellaneous Data

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                         GROUND WATER QUALITY RECORDS
                        OCTOBER 1975 TO SEPTEMBER 1976
                    BACTERIOLOGICAL AND MISCELLANEOUS DATA
                               ESCAMBIA COUNTY

                                   CHEM-     IMME-
                                    ICAL      DIATE
                                   OXYGEN     COLI-
                                   DEMAND      FORM
                                   (HIGH      (COL.
                                   LEVEL)      PER
                         DATE      (MG/L)   100 ML)
                                  (00340)   (31501)


        303313087140002 - USGS TH98A (LAT 30 33 18 LONG 087 13 48.02)

                        JUN , 1976
                         02...        4        --
                        AUG
                         04...        6        --

     303327087135401 - USGS TH101.S.H.NE GATE (LAT 30 33 33 LONG 087 13 41.01)

                        JUN , 1976
                         03...       12        --
                        AUG
                         03...       16        --

    303327087135402 - USGS TH101A.S.H. NE GATE (LAT 30 33 33 LONG 087 13 41.02)

                        JUN , 1976
                         03...        6        --
                        AUG
                         03...       16        --

    303331087135803 - USGS TH102B S.H.N.LAGOON (LAT 30 33 37 LONG 087 13 45.03)

                        JUN , 1976
                         02...        6        --
                        AUG
                         03...       20        --

    303348087141001 - PENS.S.H.SEWAGE 99 N.MON (LAT 30 34 07 LONG 087 14 15.01)

                        JUN , 1976
                         02...        4        --
                        AUG
                         04...       18        --

        303417087141701 - SOUTH MONITOR (LAT 30 34 17 LONG 087 14 17.01)

                        SEP , 1976
                         14...      320        --
                               LEON COUNTY
         302313084191301 - USGS LS 1 (LAT 30 23 13 LONG 084 19 13.01)

                        JUN , 1976
                         08...       11        --

         302314084191502 - USGS LS28 (LAT 30 23 14 LONG 084 19 15.02)

                        JUN , 1976
                         08...       11        --
                               LEVY COUNTY
290118082364101 - 901236--   17S17E05  344 CE-70 (LAT 29 01 18 LONG 082 36 41.01)

                        MAY , 1976
                         25...       --         0
                        SEP
                         28...       --         0
```

GROUND WATER QUALITY RECORDS
OCTOBER 1975 TO SEPTEMBER 1976
BACTERIOLOGICAL AND MISCELLANEOUS DATA
SANTA ROSA COUNTY

303357087063801 - STANDBY INJ WELL AMER CY (LAT 30 33 57 LONG 087 06 38.01)

DATE	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	IMMEDIATE COLIFORM (COL. PER 100 ML) (31501)
JUL , 1976		
21...	730	--

303405087064601 - DEEP TEST-MONITOR WELL AMER CYANAMID (LAT 30 34 05 LONG 087 06 46.01)

DATE	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	IMMEDIATE COLIFORM (COL. PER 100 ML) (31501)
JAN , 1976		
21...	150	--
APR		
28...	96	--
JUL		
21...	160	--

303413087063802 - SHALLOW MONITOR AMER CY (LAT 30 34 13 LONG 087 06 38.02)

DATE	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	IMMEDIATE COLIFORM (COL. PER 100 ML) (31501)
JAN , 1976		
20...	110	--
JUL		
21...	32	--

303514087054801 - DEEP MONITOR NORTH AM CY (LAT 30 35 14 LONG 087 05 48.01)

DATE	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	IMMEDIATE COLIFORM (COL. PER 100 ML) (31501)
JAN , 1976		
20...	96	--
JUL		
20...	470	--

INDEX TO INTRODUCTORY TEXT
OF THIS REPORT

ACCURACY OF FIELD DATA AND COMPUTED RESULTS.............. 8
ACKNOWLEDGMENT.. 1
ACRE-FOOT, DEFINITION OF.................................. 2
ALGAE, DEFINITION OF...................................... 2
ASH WEIGH, DEFINITION OF.................................. 2
BACTERIA, DEFINITION OF................................... 2
BIOCHEMICAL OXYGEN DEMAND, DEFINITION OF.................. 2
BIOMASS, DEFINITION OF.................................... 2
BLUE-GREEN ALGAE, DEFINITION OF........................... 4
CELLS/VOLUME, DEFINITION OF............................... 4
CFS-DAY, DEFINITION OF.................................... 2
CHEMICAL OXYGEN DEMAND, DEFINITION OF..................... 2
CHLOROPHYLL, DEFINITION OF................................ 3
COLLECTION AND COMPUTATION OF DATA........................ 6
COLLECTION AND EXAMINATION OF DATA........................ 9
COLLECTION OF THE DATA.................................... 16
CONTENTS, DEFINITION OF................................... 3
CONTROL, DEFINITION OF.................................... 3
CONTROL STRUCTURE, DEFINITION OF.......................... 3
COOPERATION... 1
CUBIC FEET PER SECOND PER SQUARE MILE, DEFINITION OF.... 3
CUBIC FOOT PER SECOND, DEFINITION OF...................... 3
DAILY MEAN DISCHARGE, DEFINITION OF....................... 3
DATA, ACCURACY OF FIELD DATA AND COMPUTED RESULTS....... 8
DATA, OTHER AVAILABLE..................................... 9
DEFINITION OF TERMS....................................... 2
DETERGENTS, DEFINITION OF................................. 3
DIATOMS, DEFINITION OF.................................... 4
DISCHARGE, DEFINITION OF.................................. 3
DISSOLVED, DEFINITION OF.................................. 3
DOWNSTREAM ORDER AND STATION NUMBERS...................... 6
DRAINAGE AREA, DEFINITION OF.............................. 3
DRAINAGE BASIN, DEFINITION OF............................. 3
DRY WEIGH, DEFINITION OF.................................. 2
EXPLANATION OF GROUND-WATER LEVEL RECORDS................. 16
EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS........ 6
EXPLANATION OF WATER-QUALITY RECORDS...................... 9
FECAL COLIFORM BACTERIA, DEFINITION OF.................... 2
FECAL STREPTOCOCCAL BACTERIA, DEFINATION OF.............. 2
HYDROLOGIC BENCH MARK STATION, DEFINITION OF............. 5
GAGE HEIGHT, DEFINITION OF................................ 3
GAGING-STATION, DEFINITION OF............................. 3
GREEN ALGAE, DEFINITION OF................................ 4
HYDROLOGIC CONDITIONS..................................... 16
INSTANTANEOUS DISCHARGE, DEFINITION OF.................... 3
INTRODUCTION.. 1

Preceding page blank

INDEX TO INTRODUCTORY TEXT
OF THIS REPORT

MEAN DAILY DISCHARGE, DEFINITION OF........................ 3
MEAN DISCHARGE, DEFINITION OF.............................. 3
MICROGRAMS PER LITER (UG/L), DEFINITION OF................. 3
MILLIGRAMS PER LITER (MG/L), DEFINITION OF................. 3
MINERAL CONSTITUENTS IN SOLUTION........................... 10
THE NATIONAL STREAM QUALITY ACCOUNTING NETWORK............ 5
NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES...... 6
ORGANISM COUNT/AREA, DEFINITION OF......................... 4
ORGANISM, DEFINITION OF.................................... 4
ORGANIC WEIGHT, DEFINITION OF.............................. 2
OTHER DATA AVAILABLE....................................... 9
PARTIAL-RECORD STATION, DEFINITION OF...................... 4
PERIPHYTON, DEFINITION OF.................................. 4
PESTICIDES, DEFINITION OF.................................. 4
PESTICIDE PROGRAM.. 5
PHYTOPLANKTON, DEFINITION OF............................... 4
PICOCURIE, DEFINITION OF................................... 4
PLANKTON, DEFINITION OF.................................... 4
RADIOISOTOPES, DEFINITION OF............................... 4
REFERENCES, SELECTED....................................... 4
RUNOFF IN INCHES, DEFINITION OF............................ 4
SEDIMENT... 10
SEDIMENT, DEFINITION OF.................................... 4
SEDIMENT DISCHARGE, DEFINITION OF.......................... 4
SELECTED REFERENCES.. 17
SOLUTE, DEFINITION OF...................................... 4
SPECIAL NETWORKS... 5
SPECIFIC CONDUCTANCE, DEFINITION OF........................ 5
STAGE DISCHARGE RELATION, DEFINITION OF.................... 5
STATION IDENTIFICATION..................................... 6
STATION NUMBERS.. 6
STREAMFLOW, DEFINITION OF.................................. 5
SURFACE AREA, DEFINITION OF................................ 5
SUSPENDED SEDIMENT, DEFINITION OF.......................... 4
TERMS, DEFINITION OF....................................... 2
THERMOGRAPH, DEFINITION OF................................. 5
TONS PER DAY, DEFINITION OF................................ 5
TOTAL COLIFORM BACTERIA, DEFINITION OF..................... 2
TOTAL, DEFINITION OF....................................... 5
TOTAL ORGANIC CARBON, DEFINITION OF........................ 5
WATER ANALYSIS... 9
WATER TEMPERATURE.. 9
WATER YEAR, DEFINITION OF.................................. 5
WET WEIGH, DEFINITION OF................................... 2
WRD, DEFINITION OF... 5
WSP, DEFINITION OF... 5

SURFACE WATER SITES WITH DATA IN THIS REPORT

STATION NAME	STAGE & DISCHARGE OF STREAMS	LAKE ELEVATIONS	DAILY MEASUREMENTS	FIELD MEASUREMENTS	MAJOR CONSTITUENTS	NUTRIENTS AND RELATED CONSTITUENTS	TRACE METALS	CHEMICAL ANALYSES OF BOTTOM SEDIMENT	PESTICIDES IN WATER	PESTICIDES IN BOTTOM SEDIMENTS	RADIOCHEMICAL DATA	BACTERIOLOGICAL, SEDIMENT & MISC.
	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE
ALAPAHA R. AT MATHIS SINK				226	264	285						
ALAPAHA RISE SPRING NR ADAMS, FLA.				226	262	284						
ALAQUA CREEK NEAR DE FUNIAK SPRINGS, FLA.	109											
ALLIGATOR LAKE AT LAKE CITY, FLA.		153		209	238	272						317
ALTHO, LAKE, AT WALES, FLA.		149										
ANDREWS LAKE NR SHADY GROVE, FLA.		158										
APALACHICOLA RIVER AT CHATTAHOOCHEE, FLA.	89			215	250	278	294				312	318
APALACHICOLA RIVER NEAR BLOUNTSTOWN, FLA.	92											
ATTAPULGUS CREEK AT JAMIESON, FLA.	75			213	244	275						
AUCILLA RIVER AT LAMONT, FLA.	63			211	242	274						317
BAGGETT CREEK NEAR MILLIGAN, FLA.	114											
BAY CO WATER SYSTEM DEER POINT LAKE AT WAT PLANT				225	260	283	298		304			
BETTY SPRING NR HILDRETH, FLA.				224	258	282						
BIG COLD WATER CREEK NEAR MILTON, FLA.	118											
BLACKWATER RIVER NEAR BAKER, FLA.	117			218	254	280						
BLUE SPRING NR BRONSON, FLA.	23			204	230	268						
BLUE SPRING NR KEATON BEACH, FLA.				224	258	282	296					
BRANFORD, LAKE, NR TALLAHASSEE, FLA.		160										
BRUSHY CREEK NEAR WALNUT HILL, FLA.	124											
BUTLER LAKE AT LAKE BUTLER, FLA.		151										
CARLTON SPRING NR PERRY, FLA.				225	258	282	296					
CARPENTER CK AT PENSACOLA, FLA.	123											
CHERRY LAKE NEAR CHERRY LAKE, FLA.		142										
CHIPOLA RIVER NEAR ALTHA, FLA.	94			216	250	278	294		302			319
CHOCTAWHATCHEE RIVER AT CARYVILLE, FLA.	102			217	252	279						
CHOCTAWHATCHEE RIVER NEAR BRUCE, FLA.	105		195	218	252	279	294		302	308		319
CHUNKY POND NR BRONSON, FLA.		141		204								
CHURCHHOUSE BRANCH NR BARRINEAU PARK, FLA.	126											
CLARK'S HOLE (HAMLIN POND) NR GREENHEAD, FLA.		170										
CLEAR CREEK TRIBUTARY NEAR PENSACOLA, FLA.				227	262	284	298					321
COOPER SPRING NR OLD TOWN, FLA.				210	240	273	292					
COW CK NR FORT WHITE, FLA.	54											
DEAD LAKE NEAR WEWAHITCHKA, FLA.		167										
DEEP CK NR SUWANNEE VALLEY, FLA.	33			206	232	269	288				312	314
DEER POINT LAKE NEAR PANAMA CITY, FLA.		172		217	250	278	294					319
ECONFINA CREEK NEAR FOUNTAIN, FLA.	96											
ECONFINA CREEK NEAR BENNETT, FLA.	97											
ECONFINA RIVER NEAR PERRY, FLA.	62			211	242	274	292					
ELEVENMILE CREEK NEAR ENSLEY, FLA.				219	256	281	296					320
ESCAMBIA R. AT US HWY 90 NR PENSACOLA, FLA.				219	256	281	296					320
ESCAMBIA RIVER NEAR CENTURY, FLA.	120			219	254	280	296					320
ESCAMBIA RIVER NEAR MOLINO, FLA.				219	254	280						320
FENHOLLOWAY RIVER AT FOLEY, FLA.	61			210	240	273	292					317
FENHOLLOWAY RIVER NEAR FOLEY, FLA.	60											
FLAT CREEK NEAR CHATTAHOOCHEE, FLA.	91			215	250	278						
GOVERNOR HILL LAKE NR OLD TOWN, FLA.		154										
GULLY LAKE NR GREENHEAD, FLA.		171										
HATHAWAY MILL CK NR CARYVILLE, FLA.	100											
HEILBRONN SPRING NR LAWTEY, FLA.				208	236	271						
HOLMAN BRANCH NEAR QUINCY, FLA.	78			213	246	276						
HOLMES CREEK AT VERNON, FLA.	104											
HORNESBY SPRING NR HIGH SPRINGS, FLA.				224	258	282						
HORSE HOLE CK NR LEBANON STATION, FLA.				205								
HUBBERT BRANCH NEAR QUINCY, FLA.	80			214	246	276						
HUNTER CREEK (PENNINGTON CREEK) NEAR BELMONT, FLA.	32			206	232	269	288				312	314
HURRICANE CREEK NEAR HAVANA, FLA.	81			214	248	277						
ICHATUCKNEE SPRINGS NEAR HILDRETH, FLA.	55			210	240	273	290					317
JACKSON, LAKE, NEAR TALLAHASSEE, FLA.		161		213	244	275	292					318
JACKSON, LAKE, NEAR PAXTON, FLA.		174										
JUNIPER CREEK AT STATE HIGHWAY 85, NEAR NICEVILLE, FLA.	110											
LAFAYETTE CREEK AT FREEPORT, FLA.				218	252	279				308		
LITTLE RIVER NEAR LITMAN, FLA.				214	248	277				308		
LITTLE RIVER NEAR MIDWAY, FLA.				214	248	277						
LITTLE RIVER NEAR QUINCY, FLA.	76											
LITTLE WACCASASSA R. NR BRONSON, FLA.	23			204	230	268						
LOW LAKE NEAR WELLBORN, FLA.		147										
MAGNOLIA CREEK NEAR FREEPORT, FLA.	108			218	252	279				308		
MEARSON SPRING NR MAYO, FLA.				224	258	282	296					
MEGGINNIS ARM TRIB. ABOVE US HWY I-10 AT TALLAHASSEE, FLA.	73											
MEGGINNIS ARM TRIB. BELOW US HWY I-10 AT TALLAHASSEE, FLA.	74											
MICCOSUKEE LAKE NEAR MICCOSUKEE, FLA.		160										
MIDDLE PRONG ST. MARYS R. AT TAYLOR, FLA.	21											
MUNSON, LAKE, NR TALLAHASSEE, FLA SITE.103				225	260	283						
MUNSON, LAKE, NR TALLAHASSEE, FLA SITE 102				225	260	283						
MUNSON, LAKE, NR TALLAHASSEE, FLA SITE 101				225	260	283						
MUNSON, LAKE, NR TALLAHASSEE, FLA SITE 104				226	260	283						
MUNSON, LAKE, NR TALLAHASSEE, FLA SITE 109				226	262	284						

INDEX

SURFACE WATER SITES WITH DATA IN THIS REPORT

STATION NAME	STAGE & DISCHARGE OF STREAMS PAGE	LAKE ELEVATIONS PAGE	DAILY MEASUREMENTS PAGE	FIELD MEASUREMENTS PAGE	MAJOR CONSTITUENTS PAGE	NUTRIENTS AND RE-LATED CONSTITUENTS PAGE	TRACE METALS PAGE	CHEMICAL ANALYSES OF BOTTOM SEDIMENT PAGE	PESTICIDES IN WATER PAGE	PESTICIDES IN BOTTOM SEDIMENTS PAGE	RADIOCHEMICAL DATA PAGE	BACTERIOLOGICAL, SEDIMENT & MISC. PAGE
MUNSON, LAKE, NR TALLAHASSEE, FLA SITE 112				226	262	284						
MUNSON, LAKE, NR TALLAHASSEE, FLA SITE 107				226	262	284						
MUNSON, LAKE, NR TALLAHASSEE, FLA SITE 105				226	262	284						
MUNSON LAKE, NR TALLAHASSEE, FLA SITE 111				225	260	283						
MUNSON LAKE, NR TALLAHASSEE, FLA SITE 110				225	260	283						
MUNSON SLOUGH AT CAPITAL CIRCLE NR TALLAHASSEE, FLA				226	262	284	298					
MUNSON SLOUGH AT CRAWFORDVILLE HWY TALLAHASSEE, FLA				225	260	283	298					
MUNSON SLOUGH AT EIGHTMILE SK NR TALLAHASSEE, FLA				225	260	283						
MUNSON SLOUGH AT OAK RIDGE RD NR TALLAHASSEE, FLA				225	260	283						
MUNSON SLOUGH AT PUMP STA NR TALLAHASSEE, FLA				226	262	284						
NEW RIVER NEAR LAKE BUTLER, FLA				209	238	272	290					316
NEW RIVER NEAR RAIFORD, FLA	49											
NEW RIVER NEAR WILMA, FLA	87											
OCEAN POND AT OLUSTEE, FLA		139										
OCHLOCKONEE RIVER NEAR HAVANA, FLA	70			212	244	275	292		302	308		318
OCHLOCKONEE RIVER NEAR BLOXHAM, FLA	84											
OCKLAWAHA CREEK NEAR WETUMPKA, FLA	83			214	248	277				308		
OCTAHATCHEE, LAKE, NR JENNINGS, FLA		143										
OLUSTEE CK NR LULU, FLA	51											
OLUSTEE CREEK NEAR PROVIDENCE, FLA				209	238	272	290					316
OX BOTTOM CREEK NEAR TALLAHASSEE, FLA	72											
PERDIDO RIVER AT BARRINEAU PARK, FLA	125			219	256	281	296					
PINE BARREN CREEK NEAR BARTH, FLA	122											
PINE LOG CK NR EBRO, FLA	107											
POND CREEK NEAR MILTON, FLA	119											
PORT ST. JOE CHIPOLA R. DISTRIB CA AT WATER PLANT				224	258	282	296		302			
PORTER LAKE NEAR GREENHEAD, FLA		169										
QUINCY CREEK AT QUINCY, FLA	79			214	246	276						
QUINCY CREEK AT STATE HIGHWAY 267 AT QUINCY, FLA	77			213	246	276	294		302	308		
RHUDA BRANCH AT CO RD SOUTH OF SUNSHINE LAKE, FLA				224	258	282						
RIVER SINK NEAR IVAN, FLA				211	242	274						
ROBINSON CK NR SUWANNEE VALLEY, FLA	34			206	232	269	288				312	315
ROCKY CK 3 MI. SW OF SUNSHINE LAKE, FLA				224	258	282						
ROCKY COMFORT CREEK NEAR QUINCY, FLA	82											
ROCKY CREEK NEAR BELMONT, FLA	29			205	230	268	288				312	314
ROSE CK NR COLUMBIA, FLA	54											
ROUSSEAU LAKE NEAR DUNNELLON, FLA. SITE I3				221	256	281						321
ROUSSEAU LAKE NEAR DUNNELLON, FLA. SITE I4				220	256	281						321
ROWELL, LAKE, OUTLET NR STARKE, FLA				224	258	282						
RUM ISLAND SPRING NR HIGH SPRINGS, FLA				224	258	282						
SAMPALA LAKE NEAR GREENVILLE, FLA		157										
SAMPSON LAKE NEAR STARKE, FLA		150										
SAMPSON R. AT SAMPSON CITY, FLA	48			208	236	271						
SAMPSON R. NR GRAHAM, FLA	48			208	236	271						
SANTA FE LAKE NEAR KEYSTONE HEIGHTS, FLA		148		208	236	271						316
SANTA FE R. .1 MI. ABOVE US HWY 27				209	238	272						
SANTA FE R. AT SR 47 NR FT. WHITE, FLA				209	238	272						
SANTA FE R. NR HIGH SPRINGS, FLA	51			209	238	272						
SANTA FE RIVER AT WORTHINGTON SPRINGS, FLA	50		185	209	238	272	290					316
SANTA FE RIVER NEAR GRAHAM, FLA	47			208	236	271	290					316
SANTA FE RIVER NEAR FORT WHITE, FLA	53											
SEMINOLE LAKE AT CHATTAHOOCHEE, FLA		165										
SHOAL RIVER NEAR CRESTVIEW, FLA	116											
SHOAL RIVER NEAR MOSSY HEAD, FLA	115											
SOPCHOPPY RIVER NEAR SOPCHOPPY, FLA	68		189	212	244	275	292		302	308	312	317
ST. MARKS RIVER NEAR NEWPORT, FLA	66											
STEINHATCHEE RIVER NEAR CROSS CITY, FLA	59			210	240	273						
SUWANNEE RIVER AT BRANFORD, FLA	45		180	208	236	271	290					316
SUWANNEE RIVER AT ELLAVILLE, FLA	43											
SUWANNEE RIVER AT SUWANNEE SPRINGS, FLA	39			207	234	270	290					315
SUWANNEE RIVER AT WHITE SPRINGS, FLA	36			207	232	269	288					315
SUWANNEE RIVER NEAR BENTON, FLA	30			206	230	268						314
SUWANNEE RIVER NEAR WILCOX, FLA	56			210	240	273	292					
SWIFT CREEK AT FACIL, FLA	38			207	234	270	288				312	315
TALQUIN LAKE NEAR BLOXHAM, FLA		162										
TANYARD BRANCH NEAR QUINCY, FLA	80			214	246	276						
TELOGIA CREEK NEAR BRISTOL, FLA	86			215	248	277						
TELOGIA CREEK NEAR GREENSBORO, FLA	85			215	248	277						
TENMILE CK AT LEBANON STATION, FLA	28			205		268						
THOMPSON BAYOU NR PENSACOLA, FLA				226	262	284	298					
TOWNSEND POND NR MAYO, FLA		145										
TURKEY CK NR HAGUE, FLA	52											
TURKEY CK TRIB AT HAGUE, FLA	52											
WACCASASSA R. NR BRONSON, FLA				204								
WACCASASSA R. NR GULF HAMMOCK, FLA	25			205	230	268	288					314
WACISSA RIVER NEAR WACISSA, FLA	64			211	242	274	292					317
WAGES POND NEAR GREENHEAD, FLA		170										

INDEX

SURFACE WATER SITES WITH DATA IN THIS REPORT

STATION NAME	STAGE & DISCHARGE OF STREAMS	LAKE ELEVATIONS	DAILY MEASUREMENTS	FIELD MEASUREMENTS	MAJOR CONSTITUENTS	NUTRIENTS AND RELATED CONSTITUENTS	TRACE METALS	CHEMICAL ANALYSES OF BOTTOM SEDIMENT	PESTICIDES IN WATER	PESTICIDES IN BOTTOM SEDIMENTS	RADIOCHEMICAL DATA	BACTERIOLOGICAL, SEDIMENT & MISC.
	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE
WAKULLA SPRINGS NEAR CRAWFORDVILLE, FLA.	67			211	242	274	292					
WATERS LAKE NEAR TRENTON, FLA.		152										
WEKIVA SPRINGS NR GULF HAMMOCK, FLA.	24			204		268						
WILLACOOCHEE CREEK NEAR QUINCY, FLA.	75			213	246	276						
WILSON SPRING NR FT. WHITE, FLA.				224	258	282						
WITHLACOOCHEE RIVER NEAR PINETTA, FLA.	41		177	207	234	270	290					315
WRIGHTS CK NR CARYVILLE, FLA.	98											
YELLOW RIVER AT MILLIGAN, FLA.	112			218	254	280	294		302	308		320

* U.S. GOVERNMENT PRINTING OFFICE: 1977--743-701

August 6, 1976

FACTORS FOR CONVERTING ENGLISH UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the English units published herein to the International System of Units (SI). Subsequent reports will contain both the English and SI unit equivalents in the station manuscript descriptions until such time that all data will be published in SI units.

Multiply English units	By	To obtain SI units
	Length	
inches (in)	2.54×10^{1}	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^{0}	kilometers (km)
	Area	
acres	4.047×10^{3}	square meters (m^2)
	4.047×10^{-1}	*hectares (ha)
	4.047×10^{-1}	square hectometers (hm^2)
	4.047×10^{-3}	square kilometers (km^2)
square miles (mi^2)	2.590×10^{0}	square kilometers (km^2)
	Volume	
gallons (gal)	3.785×10^{0}	**liters (l)
	3.785×10^{0}	cubic decimeters (dm^3)
	3.785×10^{-3}	cubic meters (m^3)
million gallons (10^6 gal)	3.785×10^{3}	cubic meters (m^3)
	3.785×10^{-3}	cubic hectometers (hm^3)
cubic feet (ft^3)	2.832×10^{1}	cubic decimeters (dm^3)
	2.832×10^{-2}	cubic meters (m^3)
cfs-days [(ft^3/s) · d]	2.447×10^{3}	cubic meters (m^3)
	2.447×10^{-3}	cubic hectometers (hm^3)
acre-feet (acre-ft)	1.233×10^{3}	cubic meters (m^3)
	1.233×10^{-3}	cubic hectometers (hm^3)
	1.233×10^{-6}	cubic kilometers (km^3)
	Flow	
cubic feet per second (ft^3/s)	2.832×10^{1}	liters per second (l/s)
	2.832×10^{1}	cubic decimeters per second (dm^3/s)
	2.832×10^{-2}	cubic meters per second (m^3/s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (l/s)
	6.309×10^{-2}	cubic decimeters per second (dm^3/s)
	6.309×10^{-5}	cubic meters per second (m^3/s)
million gallons per day (mgal/d)	4.381×10^{1}	cubic decimeters per second (dm^3/s)
	4.381×10^{-2}	cubic meters per second (m^3/s)
	Mass	
tons (short)	9.072×10^{-1}	tonnes (t)

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*The unit hectare is approved for use with the International System (SI) for a limited time. See NBS Special Bulletin 330, p.15, 1972 edition.

**The unit liter is accepted for use with the International System (SI). See NBS Special Bulletin 330, p. 13, 1972 edition.